

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:09:14 ; Search time 1 Seconds

(without alignments)
4.416 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 398

Sequence: 1 acaacccacagtaacatac.....gatgcacttcttcagct 398

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 0.5

Searched: 337 seqs, 5548 residues

Total number of hits satisfying chosen parameters: 674

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 339 summaries

Database : rni.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
C 1	22	5.5	22	1	US-08-888-497-16
C 2	22	5.5	22	1	US-08-888-497-16
C 3	22	5.5	22	1	PCT-US94-07926-16
C 4	15.4	3.9	19	1	US-09-422-978-6172
C 5	15.4	3.9	20	1	US-09-198-452A-5931
C 6	15.2	3.8	20	1	US-08-440-103-1
C 7	15.2	3.8	20	1	US-08-440-542-1
C 8	15.2	3.8	20	1	US-08-231-368-1
C 9	15.2	3.8	20	1	US-08-440-210-1
C 10	15.2	3.8	20	1	US-09-046-604-1
C 11	15.2	3.8	21	1	US-09-026-601-28
C 12	14.8	3.7	18	1	US-08-436-145-3
C 13	14.8	3.7	18	1	US-08-311-486C-7
C 14	14.8	3.7	18	1	US-08-311-486C-9
C 15	14.8	3.7	18	1	US-08-311-486C-1152
C 16	14.8	3.7	18	1	US-08-773-297-25
C 17	14.8	3.7	18	1	US-08-773-297-27
C 18	14.8	3.7	18	1	US-09-098-293-25
C 19	14.8	3.7	18	1	US-09-098-293-27
C 20	14.8	3.7	21	1	US-09-422-378-4342
C 21	14.4	3.6	20	1	US-09-313-932-446
C 22	14.4	3.6	20	1	US-09-313-932-446
C 23	14.2	3.6	20	1	US-07-847-055A-5
C 24	14.2	3.6	20	1	US-08-525-697-6
C 25	14.2	3.6	20	1	US-08-708-541A-18
C 26	14.2	3.6	20	1	US-09-194-478-10
C 27	14.2	3.6	20	1	US-09-742-703-13
C 28	14.2	3.6	20	1	US-09-147-771-18
C 29	13.8	3.5	17	1	US-08-373-124A-1573
C 30	13.8	3.5	17	1	US-08-435-628-1573
C 31	13.8	3.5	17	1	US-08-292-620A-1636
C 32	13.8	3.5	17	1	US-08-292-620A-1643
C 33	13.8	3.5	17	1	US-08-292-620A-1800

34	13.8	3.5	17	1	US-09-071-845-1636	Sequence 1636, Ap
35	13.8	3.5	17	1	US-09-071-845-1643	Sequence 1643, Ap
36	13.8	3.5	17	1	US-09-071-845-1800	Sequence 1800, Ap
37	13.8	3.5	17	1	US-09-474-432B-559	Sequence 559, App
38	13.8	3.5	17	1	US-09-476-387-558	Sequence 558, App
C 39	13.8	3.5	17	1	US-09-827-998-618	Sequence 618, App
C 40	13.8	3.5	17	1	US-09-827-998-619	Sequence 619, App
41	13.8	3.5	17	1	US-09-866-108A-911	Sequence 911, App
42	13.4	3.4	17	1	US-08-373-124A-1575	Sequence 1575, Ap
43	13.4	3.4	17	1	US-08-435-628-1575	Sequence 1575, Ap
44	13.4	3.4	17	1	US-09-081-320-47	Sequence 47, Appl
45	13.4	3.4	17	1	US-09-574-141A-47	Sequence 47, Appl
46	13.4	3.4	17	1	US-09-707-780-47	Sequence 47, Appl
C 47	13.4	3.4	17	1	US-09-866-108A-2137	Sequence 2137, Ap
C 48	13.4	3.4	17	1	US-09-866-108A-2138	Sequence 2138, Ap
C 49	13.4	3.4	17	1	US-09-866-108A-2139	Sequence 2139, Ap
C 50	13.4	3.4	18	1	US-08-388-381-29	Sequence 29, Appl
C 51	13.4	3.4	18	1	US-08-765-626-29	Sequence 29, Appl
52	13.4	3.4	18	1	US-09-167-109-85	Sequence 85, Appl
C 53	13.4	3.4	18	1	US-09-422-978-8403	Sequence 8403, Ap
C 54	13.4	3.4	18	1	PCT-US95-08605-29	Sequence 29, Appl
55	13.2	3.3	18	1	US-08-436-145-4	Sequence 4, Appl
56	13.2	3.3	18	1	US-09-358-381-33	Sequence 33, Appl
C 57	13.2	3.3	18	1	US-09-018-584A-56	Sequence 56, Appl
58	13.2	3.3	18	1	US-09-577-902-33	Sequence 33, Appl
C 59	13.2	3.3	18	1	US-08-584-040-4462	Sequence 4462, Ap
C 60	13.2	3.3	18	1	US-09-422-978-4808	Sequence 4808, Ap
C 61	13.2	3.3	18	1	US-09-422-978-5193	Sequence 5193, Ap
C 62	13.2	3.3	18	1	US-09-422-978-5365	Sequence 5365, Ap
C 63	13.2	3.3	18	1	US-09-371-772B-2175	Sequence 2175, Ap
C 64	13	3.3	14	1	US-09-874-601-119	Sequence 119, App
C 65	13	3.3	16	1	US-08-208-886C-10	Sequence 10, Appl
C 66	13	3.3	16	1	US-08-704-744-10	Sequence 10, Appl
C 67	13	3.3	16	1	US-08-469-557-10	Sequence 10, Appl
C 68	13	3.3	16	1	US-08-230-793B-10	Sequence 10, Appl
C 69	13	3.3	18	1	US-09-156-979-22	Sequence 22, Appl
C 70	13	3.3	18	1	US-09-630-706-75	Sequence 75, Appl
C 71	13	3.3	18	1	US-09-387-341-83	Sequence 83, Appl
C 72	12.8	3.2	17	1	US-08-082-215-7	Sequence 7, Appl
C 73	12.8	3.2	17	1	US-08-390-850-16	Sequence 16, Appl
C 74	12.8	3.2	17	1	US-08-373-124A-1359	Sequence 1359, Ap
C 75	12.8	3.2	17	1	US-08-435-628-16	Sequence 16, Appl
C 76	12.8	3.2	17	1	US-08-435-628-1359	Sequence 1359, Ap
C 77	12.8	3.2	17	1	US-08-985-162-721	Sequence 721, App
C 78	12.8	3.2	17	1	US-08-985-162-722	Sequence 722, App
C 79	12.8	3.2	17	1	US-09-371-772B-6327	Sequence 722, App
C 80	12.8	3.2	17	1	US-09-401-063-721	Sequence 721, App
C 81	12.8	3.2	17	1	US-09-401-063-722	Sequence 722, App
C 82	12.8	3.2	17	1	US-09-827-998-615	Sequence 615, App
C 83	12.8	3.2	17	1	US-09-827-998-616	Sequence 616, App
C 84	12.8	3.2	17	1	US-09-827-998-617	Sequence 617, App
C 85	12.8	3.2	17	1	US-09-827-998-620	Sequence 620, App
C 86	12.8	3.2	17	1	US-09-866-108A-227	Sequence 227, App
C 87	12.8	3.2	17	1	US-09-866-108A-228	Sequence 228, App
C 88	12.8	3.2	17	1	US-09-866-108A-910	Sequence 910, App
C 89	12.8	3.2	17	1	US-09-866-108A-912	Sequence 912, App
C 90	12.8	3.2	17	1	US-09-866-108A-938	Sequence 938, App
C 91	12.8	3.2	17	1	US-09-866-108A-939	Sequence 939, App
C 92	12.8	3.2	17	1	US-09-866-108A-6096	Sequence 6096, Ap
C 93	12.8	3.2	17	1	US-09-866-108A-6097	Sequence 6097, Ap
C 94	12.8	3.2	17	1	US-09-866-108A-9213	Sequence 9213, Ap
C 95	12.8	3.2	17	1	US-09-866-108A-9214	Sequence 9214, Ap
C 96	12.8	3.2	18	1	US-09-256-496-62	Sequence 62, Appl
C 97	12.8	3.2	18	1	US-09-255-888-35	Sequence 35, Appl
C 98	12.8	3.2	18	1	US-09-339-775-28	Sequence 28, Appl
C 99	12.8	3.2	18	1	US-09-339-775-28	Sequence 28, Appl
C 100	12.8	3.2	18	1	US-09-213-719-9	Sequence 9, Appl
C 101	12.8	3.2	18	1	US-09-213-719-38	Sequence 38, Appl
C 102	12.8	3.2	18	1	US-09-172-045-25	Sequence 25, Appl
C 103	12.8	3.2	18	1	US-09-026-601-26	Sequence 26, Appl
C 104	12.8	3.2	18	1	US-09-342-325C-25	Sequence 25, Appl
C 105	12.8	3.2	18	1	US-09-554-726A-35	Sequence 35, Appl
C 106	12.8	3.2	18	1	US-09-495-714C-122	Sequence 122, App
C 106	12.4	3.1	15	1	US-08-311-486C-737	Sequence 737, App

c 107	12.4	3.1	15	1	US-08-311-486C-738	Sequence 738, App	c 180	12.2	3.1	17	1	US-09-866-108A-7392	Sequence 7392, Ap
c 108	12.4	3.1	15	1	US-08-477-553A-2	Sequence 2, Appl	c 181	12.2	3.1	17	1	US-09-866-108A-7393	Sequence 7393, Ap
c 109	12.4	3.1	15	1	US-09-049-190-19	Sequence 19, Appl	c 182	12.2	3.1	17	1	US-09-866-108A-7664	Sequence 7664, Ap
c 110	12.4	3.1	15	1	US-08-932-140C-19	Sequence 19, Appl	c 183	12.2	3.1	17	1	US-09-866-108A-7665	Sequence 7665, Ap
c 111	12.4	3.1	15	1	US-09-230-652-32	Sequence 32, Appl	c 184	12.2	3.1	17	1	US-09-866-108A-7666	Sequence 7666, Ap
c 112	12.4	3.1	16	1	US-08-088-661F-36	Sequence 36, Appl	c 185	12.2	3.1	17	1	US-09-866-108A-8854	Sequence 8854, Ap
c 113	12.4	3.1	16	1	US-08-108-591B-33	Sequence 33, Appl	c 186	12.2	3.1	17	1	US-09-866-108A-8901	Sequence 8901, Ap
c 114	12.4	3.1	17	1	US-08-234-613-37	Sequence 37, Appl	c 187	12.2	3.1	17	1	US-09-866-108A-8904	Sequence 8904, Ap
c 115	12.4	3.1	17	1	US-08-246-978A-3	Sequence 3, Appli	c 188	12.2	3.1	17	1	US-09-866-108A-8908	Sequence 8908, Ap
c 116	12.4	3.1	17	1	US-08-440-814A-3	Sequence 3, Appli	c 189	12.2	3.1	17	1	US-09-866-108A-8909	Sequence 8909, Ap
c 117	12.4	3.1	17	1	US-08-484-192-109	Sequence 109, App	c 190	12.2	3.1	17	1	US-09-866-108A-9215	Sequence 9215, Ap
c 118	12.4	3.1	17	1	US-08-282-620A-1683	Sequence 1683, App	c 191	12.2	3.1	17	1	US-09-866-108A-9215	Sequence 9215, Ap
c 119	12.4	3.1	17	1	US-08-292-620A-1773	Sequence 1773, App	c 192	12.2	3.1	17	1	US-09-866-108A-9563	Sequence 9563, Ap
c 120	12.4	3.1	17	1	US-08-292-620A-1855	Sequence 1855, App	c 193	12.2	3.1	17	1	5240847-21	Patent No. 5240847
c 121	12.4	3.1	17	1	US-08-237-973-50	Sequence 50, Appl	c 194	12.2	3.0	17	1	US-08-173-489C-148	Sequence 148, App
c 122	12.4	3.1	17	1	US-08-740-215B-2	Sequence 2, Appli	c 195	12.2	3.0	17	1	US-08-173-489C-271	Sequence 271, App
c 123	12.4	3.1	17	1	US-08-740-215B-6	Sequence 6, Appli	c 196	12.2	3.0	15	1	US-08-584-040-8481	Sequence 8481, Ap
c 124	12.4	3.1	17	1	US-09-071-845-1683	Sequence 1683, App	c 197	12.2	3.0	15	1	US-09-371-772B-4136	Sequence 4136, Ap
c 125	12.4	3.1	17	1	US-09-071-845-1773	Sequence 1773, App	c 198	12.2	3.0	17	1	US-08-390-850-455	Sequence 455, App
c 126	12.4	3.1	17	1	US-09-071-845-1855	Sequence 1855, App	c 199	12.2	3.0	17	1	US-08-435-634-455	Sequence 455, App
c 127	12.4	3.1	17	1	US-09-103-577A-6	Sequence 6, Appli	c 200	12.2	3.0	17	1	US-08-584-040-4364	Sequence 4364, Ap
c 128	12.4	3.1	17	1	US-09-866-108A-2136	Sequence 2136, App	c 201	12.2	3.0	17	1	US-08-584-040-4365	Sequence 4365, Ap
c 129	12.4	3.1	17	1	US-08-373-124A-1571	Sequence 1571, App	c 202	12.2	3.0	17	1	US-09-371-772B-2131	Sequence 2131, Ap
c 130	12.2	3.1	17	1	US-08-758-306-119	Sequence 119, App	c 203	12.2	3.0	17	1	US-09-371-772B-2132	Sequence 2132, Ap
c 131	12.2	3.1	17	1	US-08-435-628-1571	Sequence 1571, App	c 204	12.2	3.0	17	1	US-09-371-772B-6919	Sequence 6919, Ap
c 132	12.2	3.1	17	1	US-08-292-620A-1887	Sequence 1887, App	c 205	12.2	3.0	17	1	US-09-371-772B-6920	Sequence 6920, Ap
c 133	12.2	3.1	17	1	US-08-292-620A-1887	Sequence 1887, App	c 206	12.2	3.0	17	1	US-09-371-772B-6921	Sequence 6921, Ap
c 134	12.2	3.1	17	1	US-08-292-620A-1887	Sequence 1887, App	c 207	12.2	3.0	17	1	US-09-611-627-18	Sequence 611, App
c 135	12.2	3.1	17	1	US-08-292-620A-1930	Sequence 1930, App	c 208	12.2	3.0	17	1	US-09-866-108A-2141	Sequence 2141, Ap
c 136	12.2	3.1	17	1	US-08-825-487A-104	Sequence 104, App	c 209	11.8	3.0	15	1	US-09-866-108A-2142	Sequence 2142, Ap
c 137	12.2	3.1	17	1	US-09-071-845-1793	Sequence 1793, App	c 210	11.8	3.0	15	1	US-08-182-968A-404	Sequence 404, App
c 138	12.2	3.1	17	1	US-09-071-845-1887	Sequence 1887, App	c 211	11.8	3.0	15	1	US-08-291-932A-96	Sequence 96, Appl
c 139	12.2	3.1	17	1	US-09-071-845-1930	Sequence 1930, App	c 212	11.8	3.0	15	1	US-08-291-932A-285	Sequence 285, App
c 140	12.2	3.1	17	1	US-09-025-769B-7	Sequence 7, Appli	c 213	11.8	3.0	15	1	US-08-363-240A-771	Sequence 771, App
c 141	12.2	3.1	17	1	US-08-584-040-2073	Sequence 2073, App	c 214	11.8	3.0	15	1	US-08-311-486C-638	Sequence 638, App
c 142	12.2	3.1	17	1	US-08-584-040-2549	Sequence 2549, App	c 215	11.8	3.0	15	1	US-08-292-620A-397	Sequence 397, App
c 143	12.2	3.1	17	1	US-08-584-040-3870	Sequence 3870, App	c 216	11.8	3.0	15	1	US-08-292-620A-399	Sequence 399, App
c 144	12.2	3.1	17	1	US-08-584-040-5407	Sequence 5407, App	c 217	11.8	3.0	15	1	US-08-292-620A-402	Sequence 402, App
c 145	12.2	3.1	17	1	US-08-584-040-5486	Sequence 5486, App	c 218	11.8	3.0	15	1	US-08-774-306A-404	Sequence 404, App
c 146	12.2	3.1	17	1	US-08-584-040-7586	Sequence 7586, App	c 219	11.8	3.0	15	1	US-09-064-156A-404	Sequence 404, App
c 147	12.2	3.1	17	1	US-08-584-040-7586	Sequence 7587, App	c 220	11.8	3.0	15	1	US-09-071-845-397	Sequence 397, App
c 148	12.2	3.1	17	1	US-08-679-645-67	Sequence 67, Appl	c 221	11.8	3.0	15	1	US-09-071-845-399	Sequence 399, App
c 149	12.2	3.1	17	1	US-09-474-432B-471	Sequence 471, App	c 222	11.8	3.0	15	1	US-09-071-845-402	Sequence 402, App
c 150	12.2	3.1	17	1	US-09-474-432B-819	Sequence 819, App	c 223	11.8	3.0	16	1	US-08-232-087A-5	Sequence 5, Appli
c 151	12.2	3.1	17	1	US-09-474-432B-827	Sequence 827, App	c 224	11.8	3.0	16	1	US-08-985-090-24	Sequence 24, Appl
c 152	12.2	3.1	17	1	US-09-371-772B-618	Sequence 618, App	c 225	11.8	3.0	16	1	US-09-165-543-26	Sequence 26, Appl
c 153	12.2	3.1	17	1	US-09-371-772B-1073	Sequence 1073, App	c 226	11.6	2.9	12	1	PCT-US91-03680-79	Sequence 79, Appl
c 154	12.2	3.1	17	1	US-09-371-772B-1637	Sequence 1637, App	c 227	11.4	2.9	14	1	US-08-050-073-63	Sequence 63, Appl
c 155	12.2	3.1	17	1	US-09-371-772B-2306	Sequence 2306, App	c 228	11.4	2.9	15	1	US-08-373-124A-85	Sequence 85, Appl
c 156	12.2	3.1	17	1	US-09-371-772B-2377	Sequence 2377, App	c 229	11.4	2.9	15	1	US-08-110-691A-1	Sequence 1, Appli
c 157	12.2	3.1	17	1	US-09-371-772B-3382	Sequence 3382, App	c 230	11.4	2.9	15	1	US-08-311-486C-83	Sequence 83, Appl
c 158	12.2	3.1	17	1	US-09-371-772B-3382	Sequence 3382, App	c 231	11.4	2.9	15	1	US-08-435-628-85	Sequence 85, Appl
c 159	12.2	3.1	17	1	US-09-371-772B-5467	Sequence 5467, App	c 232	11.4	2.9	15	1	US-08-585-684B-1199	Sequence 1199, Ap
c 160	12.2	3.1	17	1	US-09-371-772B-5477	Sequence 5477, App	c 233	11.4	2.9	15	1	US-08-617-010C-21	Sequence 21, Appl
c 161	12.2	3.1	17	1	US-09-371-772B-6672	Sequence 6672, App	c 234	11.4	2.9	15	1	US-09-038-073-1199	Sequence 1199, Ap
c 162	12.2	3.1	17	1	US-09-476-387-470	Sequence 470, App	c 235	11.4	2.9	15	1	US-09-566-591-21	Sequence 21, Appl
c 163	12.2	3.1	17	1	US-09-476-387-818	Sequence 818, App	c 236	11.4	2.9	15	1	US-09-081-646-672	Sequence 672, App
c 164	12.2	3.1	17	1	US-09-476-387-826	Sequence 826, App	c 237	11.4	2.9	15	1	US-08-744-481A-31	Sequence 31, Appl
c 165	12.2	3.1	17	1	US-09-686-597-23	Sequence 23, Appl	c 238	11.4	2.9	16	1	US-08-929-140-5	Sequence 5, Appli
c 166	12.2	3.1	17	1	US-09-827-998-426	Sequence 426, App	c 239	11.4	2.9	16	1	US-08-929-140-7	Sequence 7, Appli
c 167	12.2	3.1	17	1	US-09-827-998-427	Sequence 427, App	c 240	11.4	2.9	16	1	US-08-647-924-1	Sequence 1, Appli
c 168	12.2	3.1	17	1	US-09-866-108A-226	Sequence 226, App	c 241	11.4	2.9	16	1	US-09-560-579A-5	Sequence 5, Appli
c 169	12.2	3.1	17	1	US-09-866-108A-229	Sequence 229, App	c 242	11.4	2.9	16	1	US-09-560-579A-5	Sequence 5, Appli
c 170	12.2	3.1	17	1	US-09-866-108A-549	Sequence 549, App	c 243	11.4	2.9	16	1	US-09-270-933-5	Sequence 5, Appli
c 171	12.2	3.1	17	1	US-09-866-108A-661	Sequence 661, App	c 244	11.4	2.9	16	1	US-09-371-772B-5765	Sequence 5765, Ap
c 172	12.2	3.1	17	1	US-09-866-108A-662	Sequence 662, App	c 245	11.4	2.9	16	1	US-08-087-387-6	Sequence 6, Appli
c 173	12.2	3.1	17	1	US-09-866-108A-940	Sequence 940, App	c 246	11.2	2.8	16	1	US-08-455-627-6	Sequence 6, Appli
c 174	12.2	3.1	17	1	US-09-866-108A-5980	Sequence 5980, App	c 247	11.2	2.8	16	1	US-08-461-271-6	Sequence 6, Appli
c 175	12.2	3.1	17	1	US-09-866-108A-6048	Sequence 6048, App	c 248	11.2	2.8	16	1	US-08-713-685A-6	Sequence 6, Appli
c 176	12.2	3.1	17	1	US-09-866-108A-6049	Sequence 6049, App	c 249	11.2	2.8	16	1	US-08-689-856-6	Sequence 6, Appli
c 177	12.2	3.1	17	1	US-09-866-108A-6101	Sequence 6101, App	c 250	11.2	2.8	16	1	US-08-282-197C-20	Sequence 20, Appl
c 178	12.2	3.1	17	1	US-09-866-108A-7390	Sequence 7390, App	c 251	11.2	2.8	16	1	US-08-469-461-23	Sequence 23, Appl
c 179	12.2	3.1	17	1	US-09-866-108A-7391	Sequence 7391, App	c 252	11.2	2.8	16	1		

QY 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 2

US-09-362-230-16/c
; Sequence 16, Application US/09362230
; Patent No. 6352849
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; APPLICANT: Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide
; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/362,230
; FILING DATE: 15-JUL-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; PCT-US94-07926-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.3;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 3

PCT-US94-07926-16/c
; Sequence 16, Application PC/TUS9407926
; GENERAL INFORMATION:
; APPLICANT: Tischfield, Jay A.
; APPLICANT: Seilhamer, Jeffrey J.
; TITLE OF INVENTION: Mammalian Phospholipase A2 Nucleotide
; TITLE OF INVENTION: Sequences and Low Molecular Weight Amino Acid Sequences
; TITLE OF INVENTION: Encoded Thereby, Antisense Sequences and Nucleotide

; TITLE OF INVENTION: Sequences Having Internal Ribosome Binding Sites
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Ruden, Barnett, McClosky, Smith, Schuster &
; ADDRESSEE: Russell PA
; STREET: 200 East Broward Boulevard
; CITY: Fort Lauderdale
; STATE: FL
; COUNTRY: USA
; ZIP: 33301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/07926
; FILING DATE: 15-JUL-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/097,354
; FILING DATE: 26-JUL-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Manso, Peter J.
; REGISTRATION NUMBER: 32,264
; REFERENCE/DOCKET NUMBER: IN21044-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 305-527-2498
; TELEFAX: 305-764-4996
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; PCT-US94-07926-16

Query Match 5.5%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.3;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 522 ATACTTCCCAACATCCTCTGC 543
Db 22 ATACTTCCCAACATCCTCTGC 1

RESULT 4

US-09-422-978-6172/c
; Sequence 6172, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET:020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6172
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19


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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/440,210
FILING DATE: 12-MAY-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 601-2708
TELEFAX: (510) 655-3542
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-440-210-1

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best local similarity 85.0%; Pred. No. 42;
Matches 17; Conservative 0; Mismatches 3; Indels

QY 548 AGGCCTCCCGAGGAGCTCC 567
|||||
DB 20 AGGACTCCCGAGTGAGCACC 1

RESULT 10
US-09-046-604-1/c
Sequence 1, Application US/09046604
Patent No. 6303292
GENERAL INFORMATION:
APPLICANT: Weiner, Amy J.
APPLICANT: Houghton, Michael
TITLE OF INVENTION: Immunoreactive Polypeptide Compositions
NUMBER OF SEQUENCES: 45
CORRESPONDENCE ADDRESS:
ADDRESSEE: Chiron Corporation
STREET: 4560 Horton Street
CITY: Emeryville
STATE: CA
COUNTRY: USA
ZIP: 94608
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,604
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/231,368
FILING DATE:
APPLICATION NUMBER: US 07/759,575
FILING DATE: 13-SEP-1991
ATTORNEY/AGENT INFORMATION:
NAME: McClung, Barbara G.
REGISTRATION NUMBER: 33,113
REFERENCE/DOCKET NUMBER: 0205.001

```

```
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (510) 601-2708
; TELEFAX: (510) 655-3542
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-046-604-1
;
; Query Match 3.8%; Score 15.2; DB 1; Length 20;
; Best Local Similarity 85.0%; Pred. No. 42;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 548 AGGCCTCCCGAGGAGTCC 567
Db 20 AGGACTCCCGAGGAGCACC 1
;
RESULT 11
US-09-026-601-28
; Sequence 28, Application US/09026601
; Patent No. 6358680
; GENERAL INFORMATION:
; APPLICANT: Beck, James J.
; TITLE OF INVENTION: Detection of Wheat and Barley Fungal
; TITLE OF INVENTION: Pathogens Using the Polymerase Chain Reaction
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 6358680artis Corporation
; STREET: 3054 Cornwallis Road
; CITY: Research Triangle Park
; STATE: No. 6358680th Carolina
; COUNTRY: USA
; ZIP: 27709
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/026,601
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Meigs, J. Timothy
; REGISTRATION NUMBER: 38,241
; REFERENCE/DOCKET NUMBER: CGC 1984
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 919-541-8587
; TELEFAX: 919-541-8689
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer JB676"
US-09-026-601-28
;
; Query Match 3.8%; Score 15.2; DB 1; Length 21;
; Best Local Similarity 85.0%; Pred. No. 47;
; Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 707 GCGAGTCCCGAGGAGTGC 726
Db 2 GCGAGTCTCGGAGAGAGAC 21
;
RESULT 12
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US-08-436-145-3
; Sequence 3, Application US/08436145
; Patent No. 5681943
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Gryaznov, Sergei M.
; TITLE OF INVENTION: METHOD OF FORMING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reising, Ethington, Barnard & Perry
; STREET: P.O. Box 4390
; CITY: Troy
; STATE: Michigan
; COUNTRY: USA
; ZIP: 48099
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/436,145
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: P-323 (NW)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 689-3500
; TELEFAX: (810) 689-4071
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-436-145-3
;
; Query Match 3.7%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 39;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 527 TTCCCAACATCCTCTGCT 544
Db 1 TTCCCAACACCACTGCT 18
;
RESULT 13
US-08-311-486C-7/c
; Sequence 7, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
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MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-7

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
DB 18 TGTCTGAAGACAGCGTCC 1

RESULT 14
US-08-311-486C-9/c
Sequence 9, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-9

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
DB 18 TGTCTGAAGACAGCGTCC 1

RESULT 15
US-08-311-486C-1152/c
Sequence 1152, Application US/08311486C
Patent No. 5811300
GENERAL INFORMATION:

APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF-
NUMBER OF SEQUENCES: 1157
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1152:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-1152

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 16
US-08-773-297-25/c
Sequence 25, Application US/08773297
Patent No. 5837855
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/773,297
FILING DATE: December 23, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/321,993
FILING DATE: October 11, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-773-297-25

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 17
US-08-773-297-27/c
Sequence 27, Application US/08773297
Patent No. 5837855
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/773,297
FILING DATE: December 23, 1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/321,993
FILING DATE: October 11, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 223/225
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-773-297-27

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
| | | | | | | | | | | | | | | | | |
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 18
US-09-098-293-25/c
Sequence 25, Application US/09098293
Patent No. 6022962
GENERAL INFORMATION:
APPLICANT: Chowrira, Bharat
APPLICANT: McSwiggen, James
TITLE OF INVENTION: HAIRPIN RIBOZYMES
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

```
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSEQ for Windows 2.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/098,293
/ FILING DATE:
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/773,297
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/225
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 25:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-098-293-25

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 19
US-09-098-293-27/c
; Sequence 27, Application US/09098293
; Patent No. 6022962
; GENERAL INFORMATION:
; APPLICANT: Chowira, Bharat
; TITLE OF INVENTION: HAIRPIN RIBOZYMES
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESS: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/098,293
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/773,297
; FILING DATE:
```

```
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/225
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 27:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 18 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-098-293-27

Query Match 3.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 39;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGCGTCC 857
Db 18 TGTCTGAAGACAGCTTCC 1

RESULT 20
US-09-422-978-4342
; Sequence 4342, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4342
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-14679 for SEQ 408,
US-09-422-978-4342

Query Match 3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 55;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCAACTACTTTC 530
Db 4 ACACCACTCAACTACTTTC 21

RESULT 21
US-09-313-932-446/c
; Sequence 446, Application US/09313932A
; Patent No. 6228642
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TNF-
```

; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: ISPH-0356
; CURRENT APPLICATION NUMBER: US/09/313,932A
; CURRENT FILING DATE: 1999-05-18
; NUMBER OF SEQ ID NOS: 501
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-313-932-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCACGACCAAG 579
Db 19 CTCCTACCAGACCAAG 4

RESULT 22
5219727-2/c
; Patent No. 5219727
; APPLICANT: WANG, ALICE M.; DOYLE, MICHAEL V.; MARK, DAVID F.
; TITLE OF INVENTION: QUANTIFICATION OF NUCLEIC ACIDS USING THE
; POLYMERASE CHAIN REACTION
; NUMBER OF SEQUENCES: 64
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/413,623
; FILING DATE: 28-SEP-1989
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 396,986
; FILING DATE: 21-AUG-1989
; SEQ ID NO: 2:
; LENGTH: 20
5219727-2

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 59;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCACGACCAAG 579
Db 17 CTCCTACCAGACCAAG 2

RESULT 23
US-07-847-055A-5
; Sequence 5, Application US/07847055A
; Patent No. 5530114
; GENERAL INFORMATION:
; APPLICANT: ISIS Pharmaceuticals
; TITLE OF INVENTION: Oligonucleotide Modulation of
; TITLE OF INVENTION: Arachidonic Acid Metabolism
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & No. 5530114ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/847,055A
; FILING DATE: 19920403

; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/516,969
; FILING DATE: April 30, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-182
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: Yes
US-07-847-055A-5

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 550 GCCTCCCGAGCGCTCTCT 568
Db 1 GCCTCCCGAGCGCTCTCT 19

RESULT 24
US-08-525-697-6
; Sequence 6, Application US/08525697
; Patent No. 5795764
; GENERAL INFORMATION:
; APPLICANT: Christgau, Stephan
; APPLICANT: Andersen, Lene N
; APPLICANT: Kauppinen, Sakari
; APPLICANT: Helld-Hansen, Hans P
; APPLICANT: Dalboege, Henrik
; TITLE OF INVENTION: AN ENZYME EXHIBITING MANNANASE ACTIVITY
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: No. 57957640 No. 5795764disk of No. 5795764th America, Inc.
; STREET: 405 Lexington Avenue, 64th Floor
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10174-6401
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/525,697
; FILING DATE: 21-SEP-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Harrington, James J.
; REGISTRATION NUMBER: 38,711
; REFERENCE/DOCKET NUMBER: 4004.204-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-867-0123
; TELEFAX: 212-878-9655
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: DK 0486/93
; FILING DATE: 30-APR-1993
; CLASSIFICATION: 435
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

QY 550 GCCTCCCGAGCGCTCTCT 568
Db 1 GCCTCCCGAGCGCTCTCT 19

```
; TOPOLOGY: linear
US-08-525-697-6
Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCCGCAGC 560
||||| ||||| |||||
Db 1 GCTCTCAGCTCGCCAGC 19

RESULT 25
US-08-708-541A-18/c
; Sequence 18, Application US/08708541A
; Patent No. 5871744
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram N.
; TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS FROM
; SYNTHETIC RNA TRANSCRIPTS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MIKALDO, MARCELSTEIN, MURRAY & ORAM LLP
; STREET: 655 Fifteenth Street, N. W.,
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20005-5701
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/708,541A
; FILING DATE:
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: KITTS, Monica C.
; REGISTRATION NUMBER: 36,105
; REFERENCE/DOCKET NUMBER: P8172-6002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202/638-5000
; TELEFAX: 202/638-4810
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-708-541A-18

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACGAGTACTGCTCTG 620
||||| ||||| |||||
Db 19 AGACGAGTACTGCTCTG 1

RESULT 26
US-09-194-478-10
; Sequence 10, Application US/09194478
; Patent No. 6284463
; GENERAL INFORMATION:
; APPLICANT: Hasebe, Masahisa
; APPLICANT: Goto, Masanori
; APPLICANT: Totsu, Mariko
; TITLE OF INVENTION: Method for Detection of Mutations

; FILE REFERENCE: PU96-1684
; CURRENT APPLICATION NUMBER: US/09/194,478
; CURRENT FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: PCT/SE97/00839
; PRIOR FILING DATE: 1997-05-22
; PRIOR APPLICATION NUMBER: SWEDEN 9602062-3
; PRIOR FILING DATE: 1996-05-29
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic construct
US-09-194-478-10

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCAACATCTCTGCTCTTA 548
||||| ||||| |||||
Db 1 CCAACACATCTGCTCCAA 19

RESULT 27
US-09-742-703-13
; Sequence 13, Application US/09742703
; Patent No. 6423543
; GENERAL INFORMATION:
; APPLICANT: Patrick Allen Marcotte
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEPSPIN EXPRESSION
; FILE REFERENCE: RTS-0090
; CURRENT APPLICATION NUMBER: US/09/742,703
; CURRENT FILING DATE: 2000-12-20
; NUMBER OF SEQ ID NOS: 49
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-742-703-13

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 674 TGGCGAGCCCGCAGGCCA 692
||||| ||||| |||||
Db 1 TGGCTGACCTCTCGGCCA 19

RESULT 28
US-09-147-771-18/c
; Sequence 18, Application US/09147771
; Patent No. 6596280
; GENERAL INFORMATION:
; APPLICANT: VAKHARIA, Vikram N.
; APPLICANT: MUNDT, Egbert
; TITLE OF INVENTION: A METHOD FOR GENERATING BIRNAVIRUS
; FROM SYNTHETIC RNA TRANSCRIPTS
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARENT FOX KINTNER PLOTKIN & KAHN
; STREET: 1050 Connecticut Ave., N.W. Suite 600
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036-5339
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
```

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/147,771
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 09/198,913
FILING DATE: 24-NOV-98
APPLICATION NUMBER: PCT/US97/12955
FILING DATE: 31-JUL-97
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/708,541
FILING DATE: 05-SEP-96
ATTORNEY/AGENT INFORMATION:
NAME: KITTS, Monica C.
REGISTRATION NUMBER: 36,105
REFERENCE/DOCKET NUMBER: P108288-09002
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202/857-6000
TELEFAX: 202/638-4810
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-147-771-18

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 65;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 602 ACACAGAGTACTGCTG 620
Db 19 AGACGGAGTACTGCTG 1

RESULT 29
US-08-373-124A-1573
Sequence 1573, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1573

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 54;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCAACT 815
Db 1 AAAGCUCUCUGGACU 17

RESULT 30
US-08-435-628-1573
Sequence 1573, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1573:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1573

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 54;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCTCAACT 815
Db 1 AAAGCUCUCUGAUCU 17

RESULT 31
US-08-292-620A-1636
Sequence 1636, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

two

INFORMATION FOR SEQ ID NO: 1636:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1636

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 54;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 537 CCTCTGCTCTAGGCT 553
Db 1 CCUCUGCUCUGUCU 17

RESULT 32
US-08-292-620A-1643
Sequence 1643, Application US/08292620A
Patent No. 5837542
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1643:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-1643

two

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 54;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 537 CCTCTGCTCCTAGGCCT 553
||:|:|:|:|:|:|:
Db 1 CCUCUGCUCUGGUCCU 17

RESULT 33
US-08-292-620A-1800
; Sequence 1800, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292.620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1800:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-292-620A-1800

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 54;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 537 CCTCTGCTCCTAGGCCT 553
||:|:|:|:|:|:|:
Db 1 CCUCUGCUCUGGUCCU 17

Db 1 CCUCUGCUCUGGUCCU 17
RESULT 34
US-09-071-845-1636
; Sequence 1636, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292.620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1636:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1636

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 54;
Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 537 CCTCTGCTCCTAGGCCT 553
||:|:|:|:|:|:|:
Db 1 CCUCUGCUCUGGUCCU 17

RESULT 35
US-09-071-845-1643
; Sequence 1643, Application US/09071845
; Patent No. 6132967

```

;
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1643:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1643
;
; Query Match 3.5%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 58.8%; Pred. No. 54;
; Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
;
; QY 537 CCTCTGCTCTAGGCT 553
; Db 1 CCUCUGCUCUGGUCCU 17
;
; RESULT 36
; US-09-071-845-1800
; Sequence 1800, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF

```

```

;
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1800:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1800
;
; Query Match 3.5%; Score 13.8; DB 1; Length 17;
; Best Local Similarity 58.8%; Pred. No. 54;
; Matches 10; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
;
; QY 537 CCTCTGCTCTAGGCT 553
; Db 1 CCUCUGCUCUGGUCCU 17
;
; RESULT 37
; US-09-474-432B-559
; Sequence 559, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucle
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866

```

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; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: patentin version 3.0
; SEQ ID NO 559
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-559

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Query Match	3.5%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	17.6%	Pred. No. 54;		
Matches 3;	Conservative 12;	Mismatches 2;	Indels 0;	Gaps 0;

Qy 583 TTTGTTCTGTTTCTA 599
:::|::|:::|
Db 1 UUUGUUUUUUUUUA 17

RESULT 38
US-09-476-387-558
/ Sequence 558, Application US/09476387
/ Patent No. 6617438
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals,
/ APPLICANT: Beigelman, Leo
/ APPLICANT: Beaudry, Amber
/ APPLICANT: Karpelsky, Alex
/ APPLICANT: Adamic, Jasenka Matulic
/ APPLICANT: Sweedler, Dave
/ APPLICANT: Zinnen, Shawn

```

/ AFFILIATION: Zimmern, Susan
/ TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
/ FILE REFERENCE: MEHB00-831-C (249/073)
/ CURRENT APPLICATION NUMBER: US/09/476,387
/ CURRENT FILING DATE: 2001-04-04
/ PRIOR APPLICATION NUMBER: 09/474,432
/ PRIOR FILING DATE: 1999-12-29
/ PRIOR APPLICATION NUMBER: 09/301,511
/ PRIOR FILING DATE: 1999-04-28
/ PRIOR APPLICATION NUMBER: 09/186,675
/ PRIOR FILING DATE: 1998-11-04
/ PRIOR APPLICATION NUMBER: 60/083,727
/ PRIOR FILING DATE: 1998-04-29
/ PRIOR APPLICATION NUMBER: 60/064,866
/ PRIOR FILING DATE: 1997-11-05
/ NUMBER OF SEQ ID NOS: 1524
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 558
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-476-387-558

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Query Match	3.5%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	17.6%;	Pred. No. 54;		
Matches	3;	Conservative	12;	Mismatches
			2;	Indels
				Gaps
				0;

Qy 583 TTTGTTCTGTTTTCTA 599
::|::|::: :|
Db 1 UUUGUUUGUUUUUUUA 17

RESULT 39
US-09-827-998-618/c
; Sequence 618, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong

```

; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDhMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeonica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 618
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-618

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Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 543 CTCCTAGGCTCCCCAG 559
Db 17 CTCCTAGGCTCCCCAG 1

RESULT 40

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US-09-827-998-619/c
; Sequence 619, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aemica Sequence Listing E
; Patent No. 6656700
; SEQ ID NO 619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-619

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Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 542 GCTCCTAGGCTCCCA 558
Db 17 GCTTCTATGCTCCCA 1

RESULT 41

```

US-09-866-108A-911
; Sequence 911, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: CHEN, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE

```

APPLICANT: SHANNON, MARK
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 911
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-911

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 54;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGAGGCCACA 694
Db 1 GGACCCCGAGGCCACA 17

RESULT 42
US-08-373-124A-1575
Sequence 1575, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1575:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1575

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 65;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCTCTCTCCCAATC 816
Db 1 GCUCUCCUGAACUC 15

RESULT 43
US-08-435-628-1575
Sequence 1575, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1575:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-628-1575

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 65;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 802 GCCTCTCTCCACTC 816
||:|:|:|:|:|:|:|:|
Db 1 GCUCUCUCGAATC 15

RESULT 44
US-09-081-320-47
Sequence 47, Application US/09081320
Patent No. 6093544
GENERAL INFORMATION:
APPLICANT: Gonsalves, Dennis
APPLICANT: Meng, Baozhong
TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
NUMBER OF SEQUENCES: 54
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon, Hargrave, Devans & Doyle LLP
STREET: Clinton Square, P.O. Box 1051
CITY: Rochester
STATE: New York
COUNTRY: U.S.A.
ZIP: 14603

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/081,320
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/047,147
FILING DATE: 20-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/069,902
FILING DATE: 17-DEC-1997
ATTORNEY/AGENT INFORMATION:
NAME: Goldman, Michael L.
REGISTRATION NUMBER: 30,727
REFERENCE/DOCKET NUMBER: 19603/1722
TELECOMMUNICATION INFORMATION:
TELEPHONE: (716) 263-1304
TELEFAX: (716) 263-1600
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA

US-09-081-320-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCT 776
|:|:|:|:|:|:|:|:|
Db 1 TGGGCTCCACTTCT 15

RESULT 45
US-09-574-141A-47
Sequence 47, Application US/09574141A
Patent No. 6395490
GENERAL INFORMATION:
APPLICANT: Gonsalves, Dennis
APPLICANT: Meng, Baozhong
TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
FILE REFERENCE: 07678/035005
CURRENT APPLICATION NUMBER: US/09/574,141A
CURRENT FILING DATE: 2000-05-18
PRIOR APPLICATION NUMBER: 60/047,147
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: 60/069,902
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 09/081,320
PRIOR FILING DATE: 1998-05-19
NUMBER OF SEQ ID NOS: 97
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 47
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic based on Rupestris stem pitting
OTHER INFORMATION: associated virus
US-09-574-141A-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCCTCCACTTCT 776
|:|:|:|:|:|:|:|:|
Db 1 TGGGCTCCACTTCT 15

RESULT 46
US-09-707-780-47
Sequence 47, Application US/09707780
Patent No. 6399308
GENERAL INFORMATION:
APPLICANT: Gonsalves, Dennis
APPLICANT: Meng, Baozhong
TITLE OF INVENTION: RUPESTRIS STEM PITTING ASSOCIATED VIRUS
TITLE OF INVENTION: NUCLEIC ACIDS, PROTEINS, AND THEIR USES
FILE REFERENCE: 07678/035006
CURRENT APPLICATION NUMBER: US/09/707,780
CURRENT FILING DATE: 2000-11-07
PRIOR APPLICATION NUMBER: 09/081,320
PRIOR FILING DATE: 1998-05-19
PRIOR APPLICATION NUMBER: 60/047,147
PRIOR FILING DATE: 1997-05-20
PRIOR APPLICATION NUMBER: 60/069,902
PRIOR FILING DATE: 1997-12-17
NUMBER OF SEQ ID NOS: 54
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 47
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence

;
; FEATURE:
; OTHER INFORMATION: Synthetic based on Rupestris stem pitting
; OTHER INFORMATION: associated virus
US-09-707-780-47

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 762 TAGGCTCCACTTCT 776
Db 1 TGGGCTCCACTTCT 15

RESULT 47

US-09-866-108A-2137/c
; Sequence 2137, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2137
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2137

US-09-866-108A-2137/c

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCCACTG 697
Db 17 CCCAGGCCACTG 3

RESULT 48

US-09-866-108A-2138/c
; Sequence 2138, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2138
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2138

US-09-866-108A-2139/c

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCCACTG 697
Db 16 CCCAGGCCACTG 2

RESULT 49

US-09-866-108A-2139/c
; Sequence 2139, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecmca Sequence Listing Engine
Patent No. 6886188
SEQ ID NO 2139
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-2139

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 65;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCCACACTG 697
|||||
Db 15 CCCAGGCCACAATG 1

RESULT 50

US-08-388-381-29/c
Sequence 29, Application US/08388381
Patent No. 5552283
GENERAL INFORMATION:
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/388,381
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/271,946
FILING DATE: 08-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 17
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no

LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE: human
ORGANISM: human
FEATURE:
NAME/KEY: sequencing primer for exon 5 of human p53 gene
US-08-388-381-29

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 73;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 751 CCCAGGGTCCCTAGG 765
|||||
Db 15 CCCAGGGTCCCCAGG 1

RESULT 51

US-08-765-626-29/c
Sequence 29, Application US/08765626
Patent No. 6071726
GENERAL INFORMATION:
APPLICANT: Visible Genetics Inc.
APPLICANT: Diamandis, Eleftherios
APPLICANT: Dunn, James M.
APPLICANT: Stevens, John K.
TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
TITLE OF INVENTION: and Targeted Screening for p53 Mutations
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street, Suite 309
CITY: Yorktown Heights
STATE: NY
COUNTRY: USA
ZIP: 10598-4412
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS 5.0
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,626
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/08605
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/388,381
FILING DATE: 14-FEB-1995
ATTORNEY/AGENT INFORMATION:
NAME: Marina T. Larson
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-003-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX:
INFORMATION FOR SEQ ID NO: 29:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
MOLECULE TYPE: genomic DNA
HYPOTHETICAL: no

; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE: human
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
US-08-765-626-29

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 73;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 751 CCCAGGCTCCCTAGG 765
Db 15 CCCAGGCTCCCTAGG 1

RESULT 52
US-09-167-109-85
; Sequence 85, Application US/09167109
; Patent No. 6398297
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda F.
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Monia, Brett P.
; APPLICANT: Xu, Xiaoxing S.
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRAF EXPRESSION
; FILE REFERENCE: ISPH-0321
; CURRENT APPLICATION NUMBER: US/09/167,109
; CURRENT FILING DATE: 1998-10-06
; NUMBER OF SEQ ID NOS: 228
; SEQ ID NO 85
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-09-167-109-85

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 73;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGGCAG 784
Db 1 CACTTCTGAGGGCAG 15

RESULT 53
US-09-422-978-8403/c
; Sequence 8403, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8403
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind

; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-1520 for SEQ 538, in complem
US-09-422-978-8403

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 73;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 518 ACCAATACTTCCCA 532
Db 16 ACCAATACTTCCCA 2

RESULT 54
PCT-US95-08605-29/c
; Sequence 29, Application PC/TUS9508605
; GENERAL INFORMATION:
; APPLICANT: Visible Genetics Inc.
; APPLICANT: Diamandis, Eleftherios
; APPLICANT: Dunn, James M.
; APPLICANT: Stevens, John K.
; TITLE OF INVENTION: Method, Reagents and Kit for Diagnosis
; TITLE OF INVENTION: and Targeted Screening for p53 Mutations
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street, Suite 309
; CITY: Yorktown Heights
; STATE: NY
; COUNTRY: USA
; ZIP: 10598-4412
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS 5.0
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/08605
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/271,946
; FILING DATE: 08-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/388,381
; FILING DATE: 14-FEB-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Marina T. Larson
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-003-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ANTI-SENSE: no
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; ORGANISM: human
; FEATURE:
; NAME/KEY: sequencing primer for exon 5 of human p53 gene
PCT-US95-08605-29

Query Match 3.4%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 73;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 751 CCCAGGGTCCCTAGG 765
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

RESULT 55
US-08-436-145-4
; Sequence 4, Application US/08436145
; Patent No. 5681943
; GENERAL INFORMATION:
; APPLICANT: Letsinger, Robert L.
; APPLICANT: Gryaznov, Sergei M.
; TITLE OF INVENTION: METHOD OF FORMING OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 9
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Reising, Ethington, Barnard & Perry
; STREET: P.O. Box 4390
; CITY: Troy
; STATE: Michigan
; COUNTRY: USA
; ZIP: 48099
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/436,145
; FILING DATE:
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: P-323 (NW)
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (810) 689-3500
; TELEFAX: (810) 689-4071
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-436-145-4

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 527 TTCCCAACATCCTCTGCT 544
Db 1 TTCCCAACACCACTGCT 18

RESULT 56
US-09-358-381-33
; Sequence 33, Application US/09358381
; Patent No. 6020199
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: RTS-0079
; CURRENT APPLICATION NUMBER: US/09/358,381
; CURRENT FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide

US-09-358-381-33

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGGCTGCTCTTT 836
Db 1 GGTGGGCTTGTCTTTAT 18

RESULT 57
US-09-018-584A-56/c
; Sequence 56, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 56:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-09-018-584A-56

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 536 TCCTCTGCTCTAGGCCT 553
Db 18 TCATCTGGTCTCTGGCCT 1

RESULT 58
US-09-577-902-33
; Sequence 33, Application US/09577902
; Patent No. 6284538
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowbert
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/577,902

```
; CURRENT FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-577-902-33

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 81.9 GGTGGCTGTGTCTTT 836
|||||
DB 1 GGTGGCTGTGTCTTAT 18

RESULT 59
US-08-584-040-4462/c
; Sequence 4462, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4462:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

US-08-584-040-4462
Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTACACACAGAGT 610
|||||
DB 18 TTTTCTCACACAGATAGT 1

RESULT 60
US-09-422-978-4808
; Sequence 4808, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4808
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17920 for SEQ 874,
US-09-422-978-4808

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACATCC 538
|||||
DB 1 AATACCTTGGCCACACCC 18

RESULT 61
US-09-422-978-5193/c
; Sequence 5193, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5193
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

; NAME/KEY: primer_bind
; LOCATION: 1..18_bind
; OTHER INFORMATION: upstream amplification primer 99-2242 for SEQ 1259,
US-09-422-978-5193

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGACCTCA 558
||| ||||| ||||| |||||
Db 18 CCTGAGTCACACATCA 1

RESULT 62
US-09-422-978-5365/c
; Sequence 5365, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilyia
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C91
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5365
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18_bind
; OTHER INFORMATION: upstream amplification primer 99-24393 for SEQ 1431,
US-09-422-978-5365

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 531 CAACATCCTGTGCTCCTA 548
||| ||||| ||||| |||||
Db 18 CAAGCCGCTGTGCTCCTA 1

RESULT 63
US-09-371-772B-2175/c
; Sequence 2175, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jalme
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2175
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2175

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTACACACAGAGT 610
||| ||||| ||||| |||||
Db 18 TTTTCTCAACAGATAGT 1

RESULT 64
US-09-874-601-119/c
; Sequence 119, Application US/09874601
; Patent No. 6632057
; GENERAL INFORMATION:
; APPLICANT: LEWIN, ALFRED S.
; APPLICANT: SHAW, LYNN C.
; APPLICANT: GRANT, MARIA B.
; TITLE OF INVENTION: ADENO-ASSOCIATED VIRUS-DELIVERED RIBOZYME COMPOSITIONS AND MET
; FILE REFERENCE: 4300.014100
; CURRENT APPLICATION NUMBER: US/09/874,601
; CURRENT FILING DATE: 2001-05-01
; PRIOR APPLICATION NUMBER: 09/063,667
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/046,147
; PRIOR FILING DATE: 1997-05-09
; PRIOR APPLICATION NUMBER: 60/044,492
; PRIOR FILING DATE: 1997-04-21
; NUMBER OF SEQ ID NOS: 182
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 119
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: ()..()
; OTHER INFORMATION: SYNTHETIC OLIGONUCLEOTIDE
US-09-874-601-119

Query Match 3.3%; Score 13; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 770 CACTTCTGAGGGC 782
||| ||||| ||||| |||||
Db 13 CACTTCTGAGGGC 1

RESULT 65
US-08-208-886C-10/c
; Sequence 10, Application US/08208886C
; Patent No. 5597710
; GENERAL INFORMATION:
; APPLICANT: Dallee, Barbara
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Tindall, Stephen
; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.1
; SOFTWARE: Microsoft Word 5.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/208,886C
; FILING DATE: March 10, 1994
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: JB0429
; TELEPHONE: 908 298 2987
; TELEFAX: 908 298 5388
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-208-886C-10

Query Match 3.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4

RESULT 66
US-08-704-744-10/c
; Sequence 10, Application US/08704744
; Patent No. 5705154
; GENERAL INFORMATION:
; APPLICANT: Dalié, Barbara
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Tindall, Stephen
; TITLE OF INVENTION: Humanized Monoclonal Antibodies Against Human Interleukin-4
; NUMBER OF SEQUENCES: 90
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.5.3
; SOFTWARE: Microsoft Word 5.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/704,744
; FILING DATE: 06-SEPT-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/208886
; FILING DATE: 10-MAR-1994
; APPLICATION NUMBER: PCT/US/95/02400
; FILING DATE: 08-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Foulke, Cynthia L.
; REGISTRATION NUMBER: 32,364
; REFERENCE/DOCKET NUMBER: JB0429K
; TELECOMMUNICATION INFORMATION:

```

```

; TELEPHONE: (908) 298-2987
; TELEFAX: (908) 298-5388
; TELEX:
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-704-744-10

Query Match 3.3%; Score 13; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 68;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 GAGAGTGACTCTG 730
Db 16 GAGAGTGACTCTG 4

RESULT 67
US-08-469-557-10/c
; Sequence 10, Application US/08469557
; Patent No. 5770403
; GENERAL INFORMATION:
; APPLICANT: Dalié, Barbara
; APPLICANT: Le, Hung
; APPLICANT: Miller, Kenneth
; APPLICANT: Murgolo, Nicholas
; APPLICANT: Nguyen, Hanh
; APPLICANT: Tindall, Stephen
; APPLICANT: Zavodny, Paul
; TITLE OF INVENTION: Cloning and Expression of
; TITLE OF INVENTION: Humanized Monoclonal Antibodies
; TITLE OF INVENTION: Against Human Interleukin-4
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Schering-Plough Corporation
; STREET: 2000 Galloping Hill Road
; CITY: Kenilworth
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07033-0530
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 6.0.5
; SOFTWARE: Microsoft Word 5.1A
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/469,557
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/290,793
; FILING DATE: August 16, 1994
; APPLICATION NUMBER: PCT/US93/01301
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/841,659
; FILING DATE: 19-FEB-1992
; APPLICATION NUMBER: US 07/782,784
; FILING DATE: 24-OCT-1991
; APPLICATION NUMBER: US 07/499,327
; FILING DATE: 21-MAY-1990
; APPLICATION NUMBER: PCT/US88/03631
; FILING DATE: 21-OCT-1988
; APPLICATION NUMBER: US 07/655,966
; FILING DATE: 14-FEB-1991
; APPLICATION NUMBER: US 07/113,623
; FILING DATE: 26-OCT-1987
; APPLICATION NUMBER: US 06/881,553
; FILING DATE: 03-JUL-1986
; APPLICATION NUMBER: US 06/843,958
; FILING DATE: 25-MAR-1986

```


APPLICATION NUMBER: US 06/799,668
 FILING DATE: 19-NOV-1985
 ATTORNEY/AGENT INFORMATION:
 NAME: Foulke, Cynthia L.
 REGISTRATION NUMBER: 32,364
 REFERENCE/DOCKET NUMBER: 2409K7
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908 298-2987
 TELEFAX: 908-298-5388
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-469-557-10

Query Match 3.3%; Score 13; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTG 730
 Db 16 GAGAGTGACTCTG 4

RESULT 68
 US-08-290-793B-10/c
 Sequence 10, Application US/08290793B
 Patent No. 5863537
 GENERAL INFORMATION:
 APPLICANT: Dalie, Barbara
 APPLICANT: Le, Hung
 APPLICANT: Miller, Kenneth
 APPLICANT: Murgolo, Nicholas
 APPLICANT: Nguyen, Hanh
 APPLICANT: Tindall, Stephen
 APPLICANT: Zavadny, Paul
 TITLE OF INVENTION: Cloning and Expression of
 TITLE OF INVENTION: Humanized Monoclonal Antibodies
 TITLE OF INVENTION: Against Human Interleukin-4
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESS: Schering-Plough Corporation
 STREET: 2000 Galloping Hill Road
 CITY: Kenilworth
 STATE: New Jersey
 COUNTRY: USA
 ZIP: 07033-0530
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: Apple Macintosh
 OPERATING SYSTEM: Macintosh 6.0.5
 SOFTWARE: Microsoft Word 5.1A
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/290,793B
 FILING DATE: August 16, 1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/01301
 FILING DATE: 19-FEB-1992
 APPLICATION NUMBER: US 07/841,659
 FILING DATE: 19-FEB-1992
 APPLICATION NUMBER: US 07/782,784
 FILING DATE: 24-OCT-1991
 APPLICATION NUMBER: US 07/499,327
 FILING DATE: 21-MAY-1990
 APPLICATION NUMBER: PCT/US88/03631
 FILING DATE: 21-OCT-1988
 APPLICATION NUMBER: US 07/655,966
 FILING DATE: 14-FEB-1991
 APPLICATION NUMBER: US 07/113,623
 FILING DATE: 26-OCT-1987
 APPLICATION NUMBER: US 06/881,553

FILING DATE: 03-JUL-1986
 APPLICATION NUMBER: US 06/843,958
 FILING DATE: 25-MAR-1986
 APPLICATION NUMBER: US 06/799,668
 FILING DATE: 19-NOV-1985
 ATTORNEY/AGENT INFORMATION:
 NAME: Foulke, Cynthia L.
 REGISTRATION NUMBER: 32,364
 REFERENCE/DOCKET NUMBER: 2409K7
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 908 298-2987
 TELEFAX: 908-298-5388
 INFORMATION FOR SEQ ID NO: 10:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 16 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-230-793B-10

Query Match 3.3%; Score 13; DB 1; Length 16;
 Best Local Similarity 100.0%; Pred. No. 68;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 718 GAGAGTGACTCTG 730
 Db 16 GAGAGTGACTCTG 4

RESULT 69
 US-09-156-979-22
 Sequence 22, Application US/09156979
 Patent No. 5962672
 GENERAL INFORMATION:
 APPLICANT: Cowsett, Lex M.
 TITLE OF INVENTION: ANTISENSE MODULATION OF RHOB EXPRESSION
 FILE REFERENCE: RTS-0013
 CURRENT APPLICATION NUMBER: US/09/156,979
 CURRENT FILING DATE: 1998-09-18
 NUMBER OF SEQ ID NOS: 47
 SEQ ID NO 22
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Antisense Oligonucleotide
 US-09-156-979-22

Query Match 3.3%; Score 13; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 87;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 702 CTCACGCGAGTCC 714
 Db 6 CTCACGCGAGTCC 18

RESULT 70
 US-09-630-706-75/c
 Sequence 75, Application US/09630706
 Patent No. 6277640
 GENERAL INFORMATION:
 APPLICANT: C. Frank Bennett
 APPLICANT: Lex M. Cowsett
 TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
 FILE REFERENCE: RTS-0053
 CURRENT APPLICATION NUMBER: US/09/630,706
 CURRENT FILING DATE: 2000-08-01
 NUMBER OF SEQ ID NOS: 94
 SEQ ID NO 75
 LENGTH: 18
 TYPE: DNA
 ORGANISM: Artificial Sequence

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Page 28

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;
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-75

Query Match          3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      863 CCAGTTGGGAACAC 875
Db      13 CCAGTTGGGAACAC 1

RESULT 71
US-09-387-341-83
; Sequence 83, Application US/09387341
; Patent No. 6410323
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/09/387,341
; CURRENT FILING DATE: 1999-08-31
; EARLIER APPLICATION NUMBER: 09/156,424
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,979
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/156,807
; EARLIER FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 09/161,015
; EARLIER FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 83
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-387-341-83

Query Match          3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      702 CTCGAGCGAGTCC 714
Db      6 CTCGAGCGAGTCC 18

RESULT 72
US-08-092-215-7/c
; Sequence 7, Application US/08092215
; Patent No. 5591821
; GENERAL INFORMATION:
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: Hilliard, David R.
; APPLICANT: Imperial, Julita S.
; APPLICANT: Monje, Virginia D.
; TITLE OF INVENTION: w-Conotoxin Peptides
; NUMBER OF SEQUENCES: 13
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

;
; SOFTWARE: PatentIn Release #1.0, Version #1.1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/092,215
; FILING DATE:
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 24260-107674
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Conus magus
; US-08-092-215-7

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      727 TCTGTCATAGGACTT 742
Db      17 TCATGTCATAGGACTT 2

RESULT 73
US-08-390-850-16/c
; Sequence 16, Application US/08390850
; Patent No. 5612215
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Gustofson, John
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
; TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
; NUMBER OF SEQUENCES: 1151
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/390,850
; FILING DATE: February 17, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/354,920
; FILING DATE: December 13, 1994
; APPLICATION NUMBER: 08/152,487
; FILING DATE: No. 5612215ember 12, 1993
; APPLICATION NUMBER: 07/989,848
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
```

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-16

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 TCAGGTTGGTGTGT 830
DB 17 TCAGTGTGGTGTGT 2

RESULT 74

US-08-373-124A-1359
Sequence 1359, Application US/08373124A
Patent No. 5646042

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1359:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-1359

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 68.8%; Pred. No. 84;
Matches 11; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 803 CTCCTCTCCACTCAG 818
DB 2 CUCACCUCAUCUCAG 17

RESULT 75

US-08-435-634-16/c
Sequence 16, Application US/08435634
Patent No. 5731295

GENERAL INFORMATION:

APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295 September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 16:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-16

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: California
ZIP: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/985,162
FILING DATE: 04 December 1997
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 722:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-985-162-722

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 84;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 521 AATACTTCCACAT 536
Db 1 AAUGCUUUCACACAU 16

RESULT 79
US-09-371-772B-6327/c
Sequence 6327, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: MBH00.876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 6327
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-371-772B-6327

Query Match

3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 821 TTGGCTGTCTCTTT 836
Db 16 TTTCTGTGTCTCTTT 1

RESULT 80
US-09-401-063-721
Sequence 721, Application US/09401063
Patent No. 6623962
GENERAL INFORMATION:
APPLICANT: Akhtar, Saghir
APPLICANT: Fell, Patricia
APPLICANT: McSwiggen, James
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
TITLE OF INVENTION: FACTOR RECEPTORS
NUMBER OF SEQUENCES: 1877
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/401,063
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/985,162
FILING DATE: 04 December 1997
APPLICATION NUMBER: 60/036,476
FILING DATE: 31 January 1997
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 230/107
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 721:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-401-063-721

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 84;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 521 AATACTTCCACAT 536
Db 2 AAUGCUUUCACACAU 17

RESULT 81
US-09-401-063-722
Sequence 722, Application US/09401063
Patent No. 6623962

```
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Fell, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; TITLE OF INVENTION: FACTOR RECEPTORS
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 722:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-401-063-722

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 84;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 521 AATACCTTCCCAACAT 536
DB 1 AAAGCUUACACACAU 16

RESULT 82
US-09-827-998-615/c
; Sequence 615, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO: 617
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-617

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCTCCCGAGG 561
DB 16 CTATGCTCTCCCGAGG 1

RESULT 84
US-09-827-998-617/c
; Sequence 617, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO: 617
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-617

; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 615
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-615

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCTCCCGAGG 561
DB 17 CTATGCTCTCCCGAGG 2

RESULT 83
US-09-827-998-616/c
; Sequence 616, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMOF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 616
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-616
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Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 544 TCCTAGGCTCCCGAG 559
Db 17 TTCTATGCTCCCGAG 2

RESULT 85
US-09-827-998-620/c
; Sequence 620, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDIMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 620
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-620

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 542 GCTCTAGGCTCCCGC 557
Db 16 GCTTCTATGCTCCCGC 1

RESULT 86
US-09-866-108A-227
; Sequence 227, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-227

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 797 CAAGAGCTCTCCCA 812
Db 2 CAAGAGCTCTCCCA 17

RESULT 87
US-09-866-108A-228
; Sequence 228, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-228

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCCA 812
|||||
Db 1 CAAGAGCCCTCCACCA 16

RESULT 88

US-09-866-108A-910
; Sequence 910, Application US/09866108A
; Patent No. 6686188
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-910

FILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 910

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-910

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 84;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGGCGCAC 693
|||||
Db 2 GGACCCCGGCGCAC 17

RESULT 89

US-09-866-108A-912
; Sequence 912, Application US/09866108A
; Patent No. 6686188
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 912
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-912

FILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: ACOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 15755

SOFTWARE: Acomica Sequence Listing Engine

Patent No. 6686188

SEQ ID NO 912

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108A-912

Query Match 3.2%; Score 12.8; DB 1; Length 17;

Best Local Similarity 87.5%; Pred. No. 84;

Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 GACCCCGGCGCAC 694
|||||
Db 1 GACCCCGGCGCAC 16

RESULT 90

US-09-866-108A-938
; Sequence 938, Application US/09866108A
; Patent No. 6686188
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-938

FILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

APPLICANT: SHANNON, Mark

FILE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: ACOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 938
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-938

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      675 GCGGACCCCGAGGC 690
Db      2 GGCTGAGCCCGAGGC 17

RESULT 91
US-09-866-108A-939
; Sequence 939, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 939
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-939

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      675 GCGGACCCCGAGGC 690
Db      1 GGCTGAGCCCGAGGC 16

RESULT 92
US-09-866-108A-6096
; Sequence 6096, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ACOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6096

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      775 CTGAGGCGAGCCCTC 790
Db      2 CTGTGAGCGCCCTC 17

RESULT 93
US-09-866-108A-6097
; Sequence 6097, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
```

APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOmica-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: AEOmica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 6097
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-6097

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTC 790
DB 1 CTGAGGCGAGCCCTC 16

RESULT 94
US-09-866-108A-9213
Sequence 9213, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOmica-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: AEOmica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9213
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9213

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 534 CATCTCTGCTCTAG 549
DB 2 CATCTCTGCTCTAG 17

RESULT 95
US-09-866-108A-9214
Sequence 9214, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOmica-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: AEOmica Sequence Listing Engine
Patent No. 6686188
SEQ ID NO 9214
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108A-9214

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 84;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 534 CATCTCTGCTCTAG 549
| | | | | | | | | |
Db 1 CATCTCAGCTCCAG 16

RESULT 96
US-09-256-496-62/c
; Sequence 62, Application US/09256496
; Patent No. 5998206
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-12 EXPRESSION
; FILE REFERENCE: RTS-0056
; CURRENT APPLICATION NUMBER: US/09/256,496
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-256-496-62

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 701 CCTCCAGCGAGTCCA 716
| | | | | | | | | |
Db 17 CCTCCAGCGAGTACGA 2

RESULT 97
US-09-255-888-35/c
; Sequence 35, Application US/09255888
; Patent No. 6013787
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMAD4 EXPRESSION
; FILE REFERENCE: RTS-0041
; CURRENT APPLICATION NUMBER: US/09/255,888
; CURRENT FILING DATE: 1999-02-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-255-888-35

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 580 ACTTTGTTCTGTTT 595
| | | | | | | | | |
Db 16 ACTTTCTCTGCTTT 1

RESULT 98
US-09-339-775-28
; Sequence 28, Application US/09339775
; Patent No. 6063626
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-13 EXPRESSION

; FILE REFERENCE: RTS-0069
; CURRENT APPLICATION NUMBER: US/09/339,775
; CURRENT FILING DATE: 1999-06-24
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 28
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-775-28

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 829 GTCTCTTTCTCTCT 844
| | | | | | | | | |
Db 2 GTATCTTTCTCTGT 17

RESULT 99
US-09-213-719-9/c
; Sequence 9, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-9

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 614 GACTCTGCTGTTCC 629
| | | | | | | | | |
Db 16 GACTCTGCTGCTGCC 1

RESULT 100
US-09-213-719-38/c
; Sequence 38, Application US/09213719B
; Patent No. 6150162
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD44 EXPRESSION
; FILE REFERENCE: RTS-0006
; CURRENT APPLICATION NUMBER: US/09/213,719B
; CURRENT FILING DATE: 1998-12-17
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-213-719-38

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

;; PRIOR APPLICATION NUMBER: EP 98 10 3596.7
;; PRIOR FILING DATE: 1998-03-02
;; PRIOR APPLICATION NUMBER: EP 97 12 0190.0
;; PRIOR FILING DATE: 1997-11-18
;; NUMBER OF SEQ ID NOS: 53
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 35
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
US-09-554-726A-35

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 95;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CGAGCTCTCTCCAGAC 575
Db 16 CARGCTCTCTCCAAAC 1

RESULT 105
US-09-495-714C-122/C
; Sequence 122, Application US/09495714C
; Patent No. 6670465
; GENERAL INFORMATION:
; APPLICANT: University Technologies International Inc.
; TITLE OF INVENTION: RETINAL CALCIUM CHANNEL (ALPHA) 1F-SUBUNIT GENE
; FILE REFERENCE: 45499.4 (formerly 45074.6)
; CURRENT APPLICATION NUMBER: US/09/495.714C
; CURRENT FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 138
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-495-714C-122

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 77.8%; Pred. No. 95;
Matches 14; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCTCTCT 809
Db 18 GGTGCCAAGAGCTCTCAT 1

RESULT 106
US-08-311-486C-737/c
; Sequence 737, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008.895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989.849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 737:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-737

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 76;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 840 TCTCTGAAGACAGC 853
Db 14 TGCTGAAGACAGC 1

RESULT 107
US-08-311-486C-738/c
; Sequence 738, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C

;; FILING DATE: September 23, 1994
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA: including application
;; PRIOR APPLICATION DATA: described below:
;; APPLICATION NUMBER: 08/008,895
;; FILING DATE: January 19, 1993
;; APPLICATION NUMBER: 07/989,849
;; FILING DATE: December 7, 1992
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/166
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 738:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; US-08-311-486C-738

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 76;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 840 TCTCTGAAGACG 853
Db 14 TGTCTGAAGACG 1

RESULT 108
US-08-477-553A-2/c
; Sequence 2, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 2:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
;; US-08-477-553A-2

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 76;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 860 GCTCCAGTTGGAAC 873
Db 15 GCTCCAGTAGGAAC 2

RESULT 109
US-09-049-190-19
; Sequence 19, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,190
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2560
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 1
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 2
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone
; FEATURE:
; NAME/KEY: Modified-site
; LOCATION: 3
; OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
; OTHER INFORMATION: backbone

Sequence 19, Application US/08932140C	Patent No. 6300318	GENERAL INFORMATION:	APPLICANT: Nielsen et al.	TITLE OF INVENTION: Peptide Nucleic Acids Having	TITLE OF INVENTION: Antibacterial Activity	NUMBER OF SEQUENCES: 23	CORRESPONDENCE ADDRESS:	ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &	ADDRESSEE: No. 6300318ris LLP	STREET: One Liberty Place - 46th Floor	CITY: Philadelphia	STATE: PA	COUNTRY: U.S.A.	ZIP: 19103	COMPUTER READABLE FORM:	MEDIUM TYPE: 3.5 inch disk	COMPUTER: IBM PC compatible	OPERATING SYSTEM: PC-DOS/MS-DOS	SOFTWARE: Microsoft Word	CURRENT APPLICATION DATA:	APPLICATION NUMBER: US/08/932,140C	FILING DATE: September 16, 1997	CLASSIFICATION:	PRIOR APPLICATION DATA:	APPLICATION NUMBER:	FILING DATE:	ATTORNEY/AGENT INFORMATION:	NAME: John W. Caldwell	REGISTRATION NUMBER: 28,937	REFERENCE/DOCKET NUMBER: ISIS-2560	TELECOMMUNICATION INFORMATION:	TELEPHONE: 215-568-3100	TELEFAX: 215-568-3439	INFORMATION FOR SEQ ID NO: 19:	SEQUENCE CHARACTERISTICS:	LENGTH: 15 bases	TYPE: nucleic acid	STRANDEDNESS: single	TOPOLOGY: linear	FEATURE:	NAME/KEY: Modified-site	LOCATION: 1	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 2	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 3	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 4	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 5	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 6	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 7	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone
Sequence 19, Application US/08932140C	Patent No. 6300318	GENERAL INFORMATION:	APPLICANT: Nielsen et al.	TITLE OF INVENTION: Peptide Nucleic Acids Having	TITLE OF INVENTION: Antibacterial Activity	NUMBER OF SEQUENCES: 23	CORRESPONDENCE ADDRESS:	ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &	ADDRESSEE: No. 6300318ris LLP	STREET: One Liberty Place - 46th Floor	CITY: Philadelphia	STATE: PA	COUNTRY: U.S.A.	ZIP: 19103	COMPUTER READABLE FORM:	MEDIUM TYPE: 3.5 inch disk	COMPUTER: IBM PC compatible	OPERATING SYSTEM: PC-DOS/MS-DOS	SOFTWARE: Microsoft Word	CURRENT APPLICATION DATA:	APPLICATION NUMBER: US/08/932,140C	FILING DATE: September 16, 1997	CLASSIFICATION:	PRIOR APPLICATION DATA:	APPLICATION NUMBER:	FILING DATE:	ATTORNEY/AGENT INFORMATION:	NAME: John W. Caldwell	REGISTRATION NUMBER: 28,937	REFERENCE/DOCKET NUMBER: ISIS-2560	TELECOMMUNICATION INFORMATION:	TELEPHONE: 215-568-3100	TELEFAX: 215-568-3439	INFORMATION FOR SEQ ID NO: 19:	SEQUENCE CHARACTERISTICS:	LENGTH: 15 bases	TYPE: nucleic acid	STRANDEDNESS: single	TOPOLOGY: linear	FEATURE:	NAME/KEY: Modified-site	LOCATION: 1	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 2	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 3	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 4	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 5	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 6	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone	FEATURE:	NAME/KEY: Modified-site	LOCATION: 7	OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine	OTHER INFORMATION: backbone

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: (O-2-aminoethyl-O'-acetyl-
OTHER INFORMATION: ethylene glycol)3
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-19

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 76;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 830 TCTCTTTTCTCTCT 844
Db 1 TCTCTTTTCTCTCT 15

RESULT 111
US-09-230-652-32
; Sequence 32, Application US/09230652A
; Patent No. 6537775
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Jourtel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-0000
; CURRENT APPLICATION NUMBER: US/09/230,652A
; CURRENT FILING DATE: 1999-05-17
; EARLIER APPLICATION NUMBER: FR 96 09733
; EARLIER FILING DATE: 1996-08-01
; EARLIER APPLICATION NUMBER: FR 97 04680
; EARLIER FILING DATE: 1997-04-16
; EARLIER APPLICATION NUMBER: PCT/FR97/01433
; EARLIER FILING DATE: 1997-07-31

NUMBER OF SEQ ID NOS: 163
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-230-652-32

Query Match 3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 76;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 680 ACCCCGAGGCCAC 693
Db 2 ACCCCGAGGCCAC 15

RESULT 112

US-08-088-661F-36/C
; Sequence 36, Application US/08088661F
; Patent No. 6228982
; GENERAL INFORMATION:
; APPLICANT: No. 6228982den, Benget
; APPLICANT: Wittung, Pernilla
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf
; TITLE OF INVENTION: Double-Stranded Peptide Nucleic Acids
; FILE REFERENCE: ISIS1108
; CURRENT APPLICATION NUMBER: US/08/088,661F
; CURRENT FILING DATE: 1993-07-02
; PRIOR APPLICATION NUMBER: 08/054,363
; PRIOR FILING DATE: 1993-04-26
; PRIOR APPLICATION NUMBER: PCT/EP92/01219
; PRIOR FILING DATE: 1992-05-19
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6228982el Sequence
US-08-088-661F-36

Query Match 3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 88;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 829 GTCCTTTTCTCTCT 842
Db 16 GTCCTTTTCTCTCT 3

RESULT 113

US-08-108-591B-33/c
; Sequence 33, Application US/08108591B
; Patent No. 6395474
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/08/108,591B
; CURRENT FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33

LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. 6395474e1 Sequence
US-08-108-591B-33

Query Match 3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.9%; Pred. No. 88;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCCTCTCTCTCT 842
DB 16 GTCACCTCTCTCT 3

RESULT 114

US-08-234-613-37/c
Sequence 37, Application US/08234613

Patent No. 5582981

GENERAL INFORMATION:

APPLICANT: TOOLE, JOHN J.

APPLICANT: LATHAM, JOHN

APPLICANT: BOCK, LOUIS C.

APPLICANT: GRIFFIN, LINDA C.

TITLE OF INVENTION: APTAMER TARGET ELUTION METHOD

NUMBER OF SEQUENCES: 49

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORRISON & FOERSTER

STREET: 755 PAGE MILL ROAD

CITY: PALO ALTO

STATE: CA

COUNTRY: USA

ZIP: 94304-1018

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/234,613

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/744,870

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: GRACEY, NANCEY J.

REGISTRATION NUMBER: 28,216

REFERENCE/DOCKET NUMBER: 24610-20030.00

TELEPHONE: (415) 813-5600

TELEFAX: (415) 494-0792

TELEX: 706141

INFORMATION FOR SEQ ID NO: 37:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-234-613-37

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCCGACCA 578
DB 17 TCACCCGACCA 4

RESULT 115

US-08-246-978A-3

Sequence 3, Application US/08246978A

Patent No. 5589363

GENERAL INFORMATION:

APPLICANT: ROY, Soumitra

APPLICANT: Vehar, Gordon A.

TITLE OF INVENTION: TISSUE FACTOR MUTANTS USEFUL FOR THE TREATMENT OF MYCARDIAL

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/246,978A

FILING DATE: 20-May-1994

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/714819

FILING DATE: 13-JUN-1991

ATTORNEY/AGENT INFORMATION:

NAME: Daryl, Winter B

REGISTRATION NUMBER: 32,637

REFERENCE/DOCKET NUMBER: 719D1

TELEPHONE: 415/952-9881

TELEFAX: 415/952-9881

TELEX: 910/371-7168

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 nucleotides

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

US-08-246-978A-3

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 871 AACACTTCTCTGAG 884

DB 2 AACACTTCTCTAG 15

RESULT 116

US-08-440-814A-3

Sequence 3, Application US/08440814A

Patent No. 5739101

GENERAL INFORMATION:

APPLICANT: ROY, Soumitra

APPLICANT: Vehar, Gordon A.

TITLE OF INVENTION: TISSUE FACTOR MUTANTS USEFUL FOR THE

TITLE OF INVENTION: TREATMENT OF MYCARDIAL INFARCTION AND COAGULOPATHIC DISORDE

NUMBER OF SEQUENCES: 3

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genentech, Inc.

STREET: 460 Point San Bruno Blvd

CITY: South San Francisco

STATE: California

COUNTRY: USA

ZIP: 94080

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: WinPatin (Genentech)

```

; TELEFAX: 415-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-484-192-109
;
Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e-02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCCTCCCGACACAA 578
    ||| |||||
Db 17 TCCACCCGACACAA 4

RESULT 118
US-08-292-620A-1683/c
; Sequence 1683, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620A
; FILING DATE: August 17, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1683:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single

```

TOPOLOGY: linear
US-08-292-620A-1683

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 119

US-08-292-620A-1773/c
; Sequence 1773, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1773:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-1773

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 120

US-08-292-620A-1855/c
; Sequence 1855, Application US/08292620A
; Patent No. 5837542

GENERAL INFORMATION:

APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

two

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1855:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-292-620A-1855

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 121

US-08-237-973-50/c

; Sequence 50, Application US/08237973
; Patent No. 5840867
; GENERAL INFORMATION:
; APPLICANT: TOOLE, JOHN J.
; APPLICANT: LATHAM, JOHN
; APPLICANT: BOCK, LOUIS C.
; APPLICANT: GRIFFIN, LINDA C.
; TITLE OF INVENTION: APTAMER ANALOGS SPECIFIC FOR
; BIOMOLECULES
; NUMBER OF SEQUENCES: 62
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 Page Mill Road
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/237,973
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/787,921
; FILING DATE: 06-NOV-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: GRACEY, NANCY J.
; REGISTRATION NUMBER: 28,216
; REFERENCE/DOCKET NUMBER: 24610-20032.21
; TELEPHONE: (415) 813-5600
; TELEFAX: (415) 494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-237-973-50

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 565 TCTCCGACGACCA 578
Db 17 TCCACCCGACCA 4

RESULT 122
US-08-740-215B-2
; Sequence 2, Application US/08740215B
; Patent No. 5874566
; GENERAL INFORMATION:
; APPLICANT: Veerapanane, Dange
; APPLICANT: Hamanaka, Shoji
; APPLICANT: No. 5874566awa, Iwao
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
; EXPRESSION OF INTERLEUKIN GENES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: Missouri
; COUNTRY: U.S.A.
; ZIP: 64108
; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,215B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; US-08-740-215B-2

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCTTTCTCTCTCT 844
Db 1 CTTTTCTCTCTCT 14

RESULT 123
US-08-740-215B-6/c
; Sequence 6, Application US/08740215B
; Patent No. 5874566
; GENERAL INFORMATION:
; APPLICANT: Veerapanane, Dange
; APPLICANT: Hamanaka, Shoji
; APPLICANT: No. 5874566awa, Iwao
; TITLE OF INVENTION: OLIGOMERS WHICH INHIBIT
; EXPRESSION OF INTERLEUKIN GENES
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hovey, Williams, Timmons & Collins
; STREET: 2405 Grand Boulevard, Suite 400
; CITY: Kansas City
; STATE: Missouri
; COUNTRY: U.S.A.
; ZIP: 64108
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/740,215B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Collins, John M.
; REGISTRATION NUMBER: 26262
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (816) 474-9050
; TELEFAX: (816) 474-9057
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-740-215B-6

Query Match 3.1%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 1e+02; Indels 1; Mismatches 0; Gaps 0;

Qy 831 CTCCTTTCTCTCT 844
Db 17 CTTTTTCTCTCT 4

RESULT 124

US-09-071-845-1683/c
; Sequence 1683, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1683:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1683

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 125

US-09-071-845-1773/c
; Sequence 1773, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1773:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-071-845-1773

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 866 GTTGAACACTTTC 879
Db 14 GTTGAACACTTTC 1

RESULT 126

US-09-071-845-1855/c
; Sequence 1855, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1855:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-1855

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 866 GTTGGACACTTTC 879
DB 14 GTTGGACACTTTC 1

RESULT 127
US-09-103-577A-6/c
Sequence 6, Application US/09103577A
Patent No. 6268133
GENERAL INFORMATION:
APPLICANT: Nisson, Paul
APPLICANT: Jesse, Joel
APPLICANT: Li, Wu-bo
TITLE OF INVENTION: Method for Isolating and Recovering
TITLE OF INVENTION: Target DNA or RNA Molecules Having a Desired
TITLE OF INVENTION: Nucleotide Sequence
NUMBER OF SEQUENCES: 11
CORRESPONDENCE ADDRESS:

ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Avenue, Suite 600
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/103,577A
FILING DATE: 24-JUN-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/050,729
FILING DATE: 25-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Esmond, Robert W.
REGISTRATION NUMBER: 32,893
REFERENCE/DOCKET NUMBER: 0942.4800001/RWE
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-103-577A-6

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 693 CACTGTACCTCCAGC 708
DB 16 CACTGAAMCCTCCAAC 1

RESULT 128
US-09-866-108A-2136/c
Sequence 2136, Application US/09866108A
Patent No. 6686188
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 15755
;; SOFTWARE: Aecomica Sequence Listing Engine
;; Patent No. 6686188
;; SEQ ID NO 2136
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108A-2136

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 CCAGGCGCCACTG 697
Db 17 CCAGGCGCCCAATG 4

RESULT 129
US-09-866-108A-2140/c
; Sequence 2140, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2140
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2140

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCAGGCGCCACT 696
Db 14 CCAGGCGCCCAAT 1

RESULT 130
US-08-373-124A-1571
; Sequence 1571, Application US/08373124A
; Patent No. 5646042
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1571:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-373-124A-1571

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCAA 813
Db 1 CGAAAGCUCUCUCGAA 17

RESULT 131
US-08-758-306-119
; Sequence 119, Application US/08758306

schultz149-3.rni

Mon Mar 8 14:22:25 2004

```

; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 212/132
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-758-306-119

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 47.1%; Pred. No. 1.1e+02;
Matches 8; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 835 TTCTCTCTCTGAAGACA 851
Db 1 UCUAUCUCUGAAGAA 17

RESULT 132
US-08-435-628-1571
; Sequence 1571, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwiggen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.

; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1571:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1571

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.1e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 797 CAAGAGCTCTCTCCAA 813
Db 1 CGAAGCUCUCUCUGAA 17

RESULT 133
US-08-292-620A-1793
; Sequence 1793, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAN-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
```



```

; NAME/KEY: Other
; LOCATION: 1...17
; OTHER INFORMATION: BRCA1 ASO 5382insC-No. 6048689mal
; US-08-825-487A-104
;
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
;
QY 706 AGCGAGTCCAGGAG 722
   || || || || || || ||
Db 1 AGAGAAATCCAGGACAG 17
;
RESULT 137
US-09-071-845-1793
; Sequence 1793, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: Storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1793:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-1793
;
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
|:|:|:|:|:|:|:
Db 1 CUGCUCGAGACCCUC 17

RESULT 138

US-09-071-845-1887
; Sequence 1887, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1887:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-071-845-1887

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
|:|:|:|:|:|:|:
Db 1 CUGCUCGAGACCCUC 17

RESULT 139

US-09-071-845-1930
; Sequence 1930, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (1-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 1930:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-071-845-1930

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 540 CTGCTCTAGGCTCC 556
|:|:|:|:|:|:|:
Db 1 CUGCUCGAGACCCUC 17

RESULT 140

US-09-025-769B-7
; Sequence 7, Application US/09025769B
; Patent No. 6300064
; GENERAL INFORMATION:
; APPLICANT: Knappik, Achim
; APPLICANT: Pack, Peter

APPLICANT: Ileg, Vic
APPLICANT: Ge, Liming
APPLICANT: Moroney, Simon
APPLICANT: Plueckthun, Andreas
TITLE OF INVENTION: Protein/(Poly)peptide libraries
NUMBER OF SEQUENCES: 373
CORRESPONDENCE ADDRESS:
ADDRESSEE: James F. Haley, Jr., Esq. c/o Fish & Neave
STREET: 1251 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (BPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/025,769B
FILING DATE: 18-FEB-1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 95 11 3021.0
FILING DATE: 18-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: James F. Haley, Jr., Esq.
REGISTRATION NUMBER: 27,794
REFERENCE/DOCKET NUMBER: MORPHO/5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 596-9000
TELEFAX: (212) 596-9090
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic oligonucleotide"
US-09-025-769B-7

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGTCCTCCTAGGCCTC 769
Db 1 CAGGTCCTCCTAGGCCTC 17

RESULT 141
US-08-584-040-2073/c
Sequence 2073, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 2073:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-2073

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 AGCTGGAACACTTTCCT 881
Db 17 AGCTGGAACACTTTCCT 1

RESULT 142
US-08-584-040-2549
Sequence 2549, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974

;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 2549:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-2549

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 1.1e+02;
Matches 2; Conservative 12; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTGTTCTGTTTT 596
Db 1 ACUUUUUUUUUUUUU 17

RESULT 143

US-08-584-040-3870/c
; Sequence 3870, Application US/08584040
; Patent No. 6346398

;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 3870:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs

QY 623 TGGTTCCTGAGAGGC 639
Db 17 TGGTCACTGACAGAGC 1

;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-3870

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 593 TTTTCTCAACACAGAG 609
Db 17 TTTTCTCAACAGATAG 1

RESULT 144

US-08-584-040-5407/c
; Sequence 5407, Application US/08584040
; Patent No. 6346398

;; GENERAL INFORMATION:
;; APPLICANT: Pavco, Pamela
;; APPLICANT: McSwiggen, James
;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: Escobedo, Jaime
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES OR
;; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
;; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
;; NUMBER OF SEQUENCES: 8502
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; STREET: Suite 4700
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/584,040
;; FILING DATE: January 11, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/005,974
;; FILING DATE: October 26, 1995
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 218/064
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 5407:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-584-040-5407

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 623 TGGTTCCTGAGAGGC 639
Db 17 TGGTCACTGACAGAGC 1

RESULT 145

US-08-584-040-5486
; Sequence 5486, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: OF VASCULAR
ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 5486:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-5486

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. NO. 1.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 869 GGACACTTCTTGGA 885

Db 1 GAACCCUUCUGGA 17

RESULT 146

US-08-584-040-7586/c
; Sequence 7586, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE

TITLE OF INVENTION: TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: OF VASCULAR
ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 7586:

SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-584-040-7586

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 525 CTTTCCCAACATCCTCT 541

Db 17 CTTTCCCAAAAGCCCT 1

RESULT 147

US-08-584-040-7587/c
; Sequence 7587, Application US/08584040
; Patent No. 6346398

GENERAL INFORMATION:

APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
TITLE OF INVENTION: OF VASCULAR
ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
SUITE: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

```
;
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIORITY APPLICATION DATA:
; PRIORITY APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 7587:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-7587

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 ACTTCCCAACATCCTC 540
Db 17 ACTTCCCAAAAGCCCC 1

RESULT 148
US-08-679-645-67/c
; Sequence 67, Application US/08679645
; Patent No. 6359334
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; APPLICANT: Edington, Brent E.
; APPLICANT: McSwiggen, James A.
; APPLICANT: Merlo, Patricia Ann Owens
; APPLICANT: Guo, Lining
; APPLICANT: Skokut, Thomas A.
; APPLICANT: Young, Scott A.
; APPLICANT: Folkerts, Otto
; APPLICANT: Merlo, Donald J.
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR
; TITLE OF INVENTION: MODULATION OF GENE EXPRESSION
; TITLE OF INVENTION: IN PLANTS
; NUMBER OF SEQUENCES: 1263
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/679,645
```

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;
; FILING DATE: July 12, 1996
; CLASSIFICATION: 800
; PRIORITY APPLICATION DATA:
; PRIORITY APPLICATION NUMBER: 60/001,135
; FILING DATE: July 13, 1995
; APPLICATION NUMBER: 08/300,726
; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-679-645-67

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
Db 17 CTTTCCCAAAACCTCT 1

RESULT 149
US-09-474-432B-471
; Sequence 471, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpelisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleotides
; FILE REFERENCE: MEHB00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIORITY APPLICATION NUMBER: US 60/064,866
; PRIORITY FILING DATE: 1997-11-05
; PRIORITY APPLICATION NUMBER: US 60/084,727
; PRIORITY FILING DATE: 1998-04-29
; PRIORITY APPLICATION NUMBER: US 09/186,675
; PRIORITY FILING DATE: 1998-11-04
; PRIORITY APPLICATION NUMBER: US 09/301,511
; PRIORITY FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 471
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-474-432B-471

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 616 CTCTGCCTGGTTCCTCA 632
Db 1 CUCUGCCUGCUGCCCGA 17
```

```
RESULT 150
US-09-474-432B-819
; Sequence 819, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 819
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-819

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 757 GTCCTAGGCTCCACT 773
Db 1 GCCCCAGGUCUCCAC 17

RESULT 151
US-09-474-432B-827
; Sequence 827, Application US/09474432B
; Patent No. 6528640
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Burgin, Alex
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka
; APPLICANT: Sweedler, David
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide triphosphate and their incorporation into oligonucleo
; FILE REFERENCE: MBH00-831-B (247/276)
; CURRENT APPLICATION NUMBER: US/09/474,432B
; CURRENT FILING DATE: 1999-12-19
; PRIOR APPLICATION NUMBER: US 60/064,866
; PRIOR FILING DATE: 1997-11-05
; PRIOR APPLICATION NUMBER: US 60/084,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: US 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: US 09/301,511
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 1526
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 827
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-474-432B-827

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 757 GTCCTAGGCTCCACT 773
Db 1 GCCCCAGGUCUCCAC 17
```

```
; ORGANISM: Homo sapiens
US-09-474-432B-827

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.1e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 542 GCTCTAGGCTCCCA 558
Db 1 GCUGAAAGCCUCCCA 17

RESULT 152
US-09-371-772B-618/c
; Sequence 618, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 618
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-618

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 AGTTGGAACACTTTCCT 881
Db 17 AGCTGAATACTTTCCT 1

RESULT 153
US-09-371-772B-1073
; Sequence 1073, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1073
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1073
```


Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCTCT 541
| | | | | | | | | | | | | | | | | |
DB 17 CTTTCCCAAAAGCCCT 1

RESULT 158
US-09-371-772B-3383/c
; Sequence 3383, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus sp.
US-09-371-772B-3383

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 ACTTTCCCAACATCTCT 540
| | | | | | | | | | | | | | | | | |
DB 17 ACTTTCCCAAAAGCCCT 1

RESULT 159
US-09-371-772B-5467
; Sequence 5467, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5467
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5467

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 58.8%; Pred. No. 1.1e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 807 CCTCAACTCAGGCTTG 823
| | | | | | | | | | | | | | | | | |
DB 1 CUUCAACUCAGGUUUG 17

RESULT 160
US-09-371-772B-5477/c
; Sequence 5477, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5477
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-5477

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 861 CTCGAGTTGGACACTT 877
| | | | | | | | | | | | | | | | | |
DB 17 CTCGAGATGGAACCAT 1

RESULT 161
US-09-371-772B-6672
; Sequence 6672, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Receptor
; FILE REFERENCE: MBH00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6672
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6672

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.1e+02;

Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGGCA 889
|||:|:|:|:|:|:|
Db 1 CACUACUGGAGGCA 17

RESULT 162

US-09-476-387-470
; Sequence 470, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 470
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-470

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 58.8%; Pred. No. 1.1e+02;

Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 616 CTCCTGCTGTTCTCTGA 632
|:|:|:|:|:|:|:|:|
Db 1 CUCUGCCUGGCGCCGA 17

RESULT 163

US-09-476-387-818
; Sequence 818, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-818

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 1.1e+02;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCTAGGCTCCACT 773
|:|:|:|:|:|:|:|:|
Db 1 GCCCCAGGUCUCCACU 17

RESULT 164

US-09-476-387-826
; Sequence 826, Application US/09476387
; Patent No. 6617438
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MHB00-831-C (249/073)
; CURRENT APPLICATION NUMBER: US/09/476,387
; CURRENT FILING DATE: 2001-04-04
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 826
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-476-387-826

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 70.6%; Pred. No. 1.1e+02;

Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 542 GTCCTAGGCTCCCA 558
|:|:|:|:|:|:|:|:|
Db 1 GCUGCAAGGCUCCCA 17

RESULT 165

US-09-686-597-23/C
; Sequence 23, Application US/09686597
; Patent No. 6632641
; GENERAL INFORMATION:
; APPLICANT: Thomas M. BRENNAN
; APPLICANT: Francois CHATELAIN
; APPLICANT: Mark BERNINGER
; TITLE OF INVENTION: METHOD AND APPARATUS FOR PERFORMING
; TITLE OF INVENTION: LARGE NUMBERS OF REACTIONS USING ARRAY ASSEMBLY

```
; SEQ ID NO 427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-427

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      826 TGTGTCCTCTTTCTTCT 842
Db       1 TGTGGGTCTCTCTTCT 17

RESULT 168
US-09-866-108A-226
; Sequence 226, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aromica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-226

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      795 GCCAAGAGCTCTCTCC 811
Db       1 GACAAGAGCCTCCACC 17

RESULT 169
US-09-866-108A-229
; Sequence 229, Application US/09866108A
```

```
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-229

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCCAC 814
Db 1 AAGAGCCCTCCACATC 17

RESULT 170
US-09-866-108A-549/c
; Sequence 549, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-229

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCCAC 814
Db 1 AAGAGCCCTCCACATC 17

RESULT 170
US-09-866-108A-549/c
; Sequence 549, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 229
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-229
```

```
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 549
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-549

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 542 GCTCTAGGCTCCCA 558
Db 17 GCTCTGGCCTTCTCA 1

RESULT 171
US-09-866-108A-661/c
; Sequence 661, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 549
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108A-549
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; Patent No. 6686188
; SEQ ID NO 661
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-661

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 815 TCAGGTTGGCTGTC 831
Db 17 TCTGGCTTGGCTGAGTC 1

RESULT 172

US-09-866-108A-662/c
; Sequence 662, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 662

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-662

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 814 CTCAGGTTGGCTGTC 830
Db 17 TCTGGCTTGGCTGAGTC 1

RESULT 173

US-09-866-108A-940

; Sequence 940, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Acomica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 940

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-866-108A-940

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 676 GCGGACCCCGGCGCA 692
Db 1 GCTGAGCCCGGCGCA 17

RESULT 174

US-09-866-108A-5880

; Sequence 5880, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharron G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AEOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

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/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 5880
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-866-108A-5880

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 CCTCCCGAGCGAGTCC 567
Db 1 CCTCCCGAGCGAGTCC 17

RESULT 175
US-09-866-108A-6048/c
/ Sequence 6048, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6048
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-866-108A-6049/c
/ Sequence 6049, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6049
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-866-108A-6049
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/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6048
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-866-108A-6048

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCTTTTCTCTCTGAAG 848
Db 17 TCTTTTCTCTCTGAAG 1

RESULT 176
US-09-866-108A-6049/c
/ Sequence 6049, Application US/09866108A
/ Patent No. 6686188
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: ACOMICA-7
/ CURRENT APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ Patent No. 6686188
/ SEQ ID NO 6049
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ ORGANISM: Homo sapiens
US-09-866-108A-6049

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAA 847
Db 17 CTCCTTTCTCTCTGAA 1

RESULT 177
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US-09-866-108A-6101
; Sequence 6101, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6101
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6101

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGGCAGCCCTCTGGTG 795
DB 1 GAGCAGCCCTCGATG 17

RESULT 178
US-09-866-108A-7390/c
; Sequence 7390, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6101
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6101

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGGCAGCCCTCTGGTG 795
DB 1 GAGCAGCCCTCGATG 17

RESULT 179
US-09-866-108A-7391/c
; Sequence 7391, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7390
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7390

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; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7390
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7390

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 864 CAGTTGGACACTTTC 880
DB 17 CAGTGGATCCCTTTC 1

RESULT 179
US-09-866-108A-7391/c
; Sequence 7391, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

```


Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7665

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCAGGGT 821
Db 17 CTCCTCCAGCTCATGGT 1

RESULT 184
US-09-866-108A-7666/c
; Sequence 7666, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7666
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7666

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGG 820
Db 17 TCTCTCCAGCTCATGG 1

Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7664
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7664

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 806 TCTCTCCAACTCAGGGT 822
Db 17 TCTCTCCAGCTCATGGT 1

RESULT 183
US-09-866-108A-7665/c
; Sequence 7665, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7665

```
RESULT 185
US-09-866-108A-8854/c
; Sequence 8854, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8854
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8854

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 TCAGTCTTTCTCGAAGC 672
Db 17 TCAGGCTGTCGCGAAGC 1

RESULT 186
US-09-866-108A-8901
; Sequence 8901, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8854
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8854

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 656 TCAGTCTTTCTCGAAGC 672
Db 17 TCAGGCTGTCGCGAAGC 1

RESULT 187
US-09-866-108A-8904
; Sequence 8904, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 8901
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-8901

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 701 CCTCCAGCGAGTCCGAG 717
Db 1 CCACCTCCGAGTCCGAG 17
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9215

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      535 ATCTCTGCTCTCCAGGC 551
Db      1 ATCTCTAGCTCCAGGCC 17

RESULT 191
US-09-866-108A-9563
; Sequence 9563, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
```

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9563
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9563

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      515 AGTACCAATACATTTCCC 531
Db      1 AGTACAAATACATCCCC 17

RESULT 192
5240847-21
; Patent No. 5240847
; APPLICANT: HECKL, KONRAD; SPEVAK, WALTER; OSTERMANN, ELINBOG;
; ZOPHEL, ANDREAS; KRYSZEK, EDELTRAUD; MAURER-FOGY, INGRID;
; WICHE-CASTANON, MARIA J.; STRATOMA, CHRISTIAN; HAUPTMANN, RUDOLF
; TITLE OF INVENTION: HUMAN MANGANESE SUPEROXIDE DISMUTASE
; (HMN-SOD)
; NUMBER OF SEQUENCES: 34
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/167,261
; FILING DATE: 11-MAR-1988
; SEQ ID NO: 21
; LENGTH: 17
5240847-21

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      841 CTCCTGAAGACAGCGTCC 857
Db      1 CTCCTGAAGAAATGTCC 17

RESULT 193
US-08-173-489C-148
; Sequence 148, Application US/08173489C
; Patent No. 5861244
; GENERAL INFORMATION:
; APPLICANT: WANG, C. -G.
; APPLICANT: HEPBURN, A. G.
; TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
; TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
; NUMBER OF SEQUENCES: 365
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
; STREET: 510 EAST 73RD STREET,
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10021
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44Mb storage
; COMPUTER: IBM PC/XT/AT
; OPERATING SYSTEM: MS-DOS version 6.2
; SOFTWARE: Wordperfect Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/173,489C
; FILING DATE: 22 DEC 1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
```

APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 bases
TYPE: nucleic acid
STRANDEDNESS: single stranded
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: third strand derived from Hepatitis B
HYPOTHETICAL: yes
ANTI-SENSE: no
PUBLICATION INFORMATION:
RELEVANT RESIDUES IN SEQ ID NO: 148 :FROM 1 TO 12
US-08-173-489C-148

Query Match 3.0%; Score 12; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 56;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCT 842
Db 1 CTCCTTTCTCT 12

RESULT 194
US-08-173-489C-271/c
Sequence 271, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
APPLICANT: HEPBURN, A. G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 271:
SEQUENCE CHARACTERISTICS:
LENGTH: 13 base pairs
TYPE: nucleic acid

STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
DESCRIPTION: 16S rRNA gene from Alcaligenes
DESCRIPTION: faecalis (Accession # M22508, M22467)
HYPOTHETICAL: no
ANTI-SENSE: no
ORIGINAL SOURCE:
ORGANISM: Alcaligenes faecalis
PUBLICATION INFORMATION:
AUTHORS: Dewhirst, F E, Paster, B J, Bright,
AUTHORS: P.L.
TITLE: Chromobacterium, Eikenella,
TITLE: Kingella, Neisseria, Simonsiella and
TITLE: Vitreoscilla species comprise a major branch of
TITLE: the beta group Proteobacteria by 16S rRNA
TITLE: sequence comparison
JOURNAL: International Journal of Systematic
JOURNAL: Biology
VOLUME: 0
PAGES: 0-0
DATE: 1990
RELEVANT RESIDUES IN SEQ ID NO: 271 :FROM 1 TO 13
US-08-173-489C-271

Query Match 3.0%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 67;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 CTTTCTCTCT 844
Db 12 CTTTCTCTCT 1

RESULT 195
US-08-584-040-8481
Sequence 8481, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES OR
TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
TITLE OF INVENTION: GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 8481:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-8481

Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 91;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 800 GAGCTCTCCTCC 811
Db 1 GAGCUCUCCUCC 12

RESULT 196

US-09-371-772B-4136
Sequence 4136, Application US/09371772B
Patent No. 6566127
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Pavco, Pam
APPLICANT: McSwiggen, Jim
APPLICANT: Stinchcomb, Dan
APPLICANT: Escobedo, Jaime
TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to the Growth of Endothelial Cells
FILE REFERENCE: MHB00, 876-J (237/198)
CURRENT APPLICATION NUMBER: US/09/371,772B
CURRENT FILING DATE: 1999-08-10
PRIOR APPLICATION NUMBER: US 60/005,974
PRIOR FILING DATE: 1995-10-26
PRIOR APPLICATION NUMBER: US 08/584,040
PRIOR FILING DATE: 1996-01-08
NUMBER OF SEQ ID NOS: 14225
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4136
LENGTH: 15
TYPE: RNA
ORGANISM: Mus sp.
US-09-371-772B-4136

Query Match 3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 91;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 800 GAGCTCTCCTCC 811
Db 1 GAGCUCUCCUCC 12

RESULT 197

US-08-390-850-455/c
Sequence 455, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 561221, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 455:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-455

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 565 TCCTCCCGACG 576
Db 17 TCCTCCCGACG 6

RESULT 198

US-08-435-634-455/c
Sequence 455, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast-SEQ Version 1.5
CURRENT APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295ember 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 455:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-435-634-455

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 565 TCCTCCGAGACC 576
|||||:|:|:|

Db 17 TCCTCCGAGACC 6

RESULT 199
US-08-584-040-4364
Sequence 4364, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4364:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-584-040-4364

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
|||||:|:|:|

Db 4 GAGCUCUCCUCC 15

RESULT 200
US-08-584-040-4365
Sequence 4365, Application US/08584040
Patent No. 6346398
GENERAL INFORMATION:
APPLICANT: Pavco, Pamela
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TREATMENT OF DISEASES OR
CONDITIONS RELATED TO LEVELS
OF VASCULAR ENDOTHELIAL
GROWTH FACTOR
NUMBER OF SEQUENCES: 8502
CORRESPONDENCE ADDRESS:
ADDRESSER: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/584,040
FILING DATE: January 11, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/005,974
FILING DATE: October 26, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/064
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 4365:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-4365

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
|||:|:|:|
Db 2 GAGCUCUCCUCC 13

RESULT 201

US-09-371-772B-2131
; Sequence 2131, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2131
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2131

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
|||:|:|:|
Db 4 GAGCUCUCCUCC 15

RESULT 202

US-09-371-772B-2132
; Sequence 2132, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2132
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2132

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
|||:|:|:|
Db 2 GAGCUCUCCUCC 13

RESULT 203

US-09-371-772B-6919
; Sequence 6919, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6919
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6919

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 800 GAGCTCTCTCC 811
|||:|:~|:|
Db 5 GAGCUCUCCUCC 16

RESULT 204

US-09-371-772B-6920
; Sequence 6920, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6920

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6920

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
Db       3 GAGCUCUCCUCC 14

RESULT 205
US-09-371-772B-6921
; Sequence 6921, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggan, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6921
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6921

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.2e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY      800 GAGCTCTCTCTCC 811
Db       1 GAGCUCUCCUCC 12

RESULT 206
US-09-611-627-18/c
; Sequence 18, Application US/09611627
; Patent No. 6623920
; GENERAL INFORMATION:
; APPLICANT: BEE, Gary G.
; APPLICANT: YANG, Yeasing Y.
; APPLICANT: KOLK, Dan
; APPLICANT: GIACCHETTI, Cristina
; APPLICANT: McDONOUGH, Sherrol H.
; TITLE OF INVENTION: DETECTION OF HIV-1 BY NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: GP103-02.UT
; CURRENT APPLICATION NUMBER: US/09/611,627
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,072
; PRIOR FILING DATE: 1999-07-09
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; NAME/KEY: modified_base
; LOCATION: (8)
; OTHER INFORMATION: inosine
US-09-611-627-18

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      694 ACTGTACCTCTCCA 706
Db       17 ACTGTACCTCTCCA 5

RESULT 207
US-09-866-108A-2141/c
; Sequence 2141, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2141
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2141

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      683 CCCAGGGGCCACA 694
Db       13 CCCAGGGGCCACA 2

RESULT 208
US-09-866-108A-2142/c
```

; Sequence 2142, Application US/09866108A

; Patent No. 6686188

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

; FILE REFERENCE: AECOMICA-7

; CURRENT APPLICATION NUMBER: US/09/866,108A

; CURRENT FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263.6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aeonica Sequence Listing Engine

; Patent No. 6686188

; SEQ ID NO 2142

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

; US-09-866-108A-2142

Query Match 3.0%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 683 CCCAGGGCCCA 694

DB 12 CCCAGGGCCCA 1

RESULT 209

US-08-182-968A-404

; Sequence 404, Application US/08182968A

; Patent No. 5610054

; GENERAL INFORMATION:

; APPLICANT: Draper, Kenneth G.

; TITLE OF INVENTION: METHOD AND REAGENT FOR

; TITLE OF INVENTION: INHIBITING HEPATITIS C

; TITLE OF INVENTION: VIRUS REPLICATION

; NUMBER OF SEQUENCES: 497

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/182,968A

; FILING DATE: 13-JANUARY-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 07/882,888

; FILING DATE: 14-MAY-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 205/277

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 404:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; US-08-182-968A-404

Query Match

Best Local Similarity 3.0%; Score 11.8; DB 1; Length 15;

Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCCTCTGCTCT 547

DB 1 ACAUCGUCGUCGCU 15

RESULT 210

US-08-291-932A-96

; Sequence 96, Application US/08291932A

; Patent No. 5658780

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth G.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; TITLE OF INVENTION: NF-KB

; NUMBER OF SEQUENCES: 830

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/291,932A

; FILING DATE: August 15, 1994

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

Two

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 96:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-96

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 99;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCCA 812
|||:|:|:
Db 1 AAGACUUCUCCUCCA 15

RESULT 211

US-08-291-932A-285
Sequence 285, Application US/08291932A
Patent No. 5658780

GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 285:
SEQUENCE CHARACTERISTICS:

Two

LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-285

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 99;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCCCA 812
|||:|:|:
Db 1 AAGACUUCUCCUCCA 15

RESULT 212

US-08-363-240A-771
Sequence 771, Application US/08363240A
Patent No. 5705388

GENERAL INFORMATION:
APPLICANT: Couture, Larry
APPLICANT: McSwiggen, James
APPLICANT: Biegaier, Charles
APPLICANT: Pape, Michael
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: PREVENTION, INHIBITION OF
TITLE OF INVENTION: PROGRESSION AND REGRESSION
TITLE OF INVENTION: OF VASCULAR DISEASES
NUMBER OF SEQUENCES: 1243
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/363,240A
FILING DATE: December 23, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 210/096
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 771:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-771

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 40.0%; Pred. No. 99;
Matches 6; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 822 TGGCTGTCTCTTT 836
:|:|:|:|:
Db 1 UGGUGUCUCUCUCU 15

RESULT 213
US-08-395-800A-22
; Sequence 22, Application US/08395800A
; Patent No. 5807732
; GENERAL INFORMATION:
; APPLICANT: LOWE, JOHN B
; APPLICANT: LENNON, GREGORY
; APPLICANT: ROQUIER, SYLVIE
; APPLICANT: GIORGI, DOMINIQUE
; APPLICANT: KELLY, ROBERT J
; TITLE OF INVENTION: GDP-L-FUCOSE: BETA-D-GALACTOSIDE
; TITLE OF INVENTION: 2-ALPHA-L-FUCOSYLTRANSFERASES, DNA SEQUENCES ENCODING THE
; TITLE OF INVENTION: SAME, METHOD FOR PRODUCING THE SAME AND A METHOD OF
; TITLE OF INVENTION: GENOTYPING A PERSON
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT
; STREET: 1755 S. JEFFERSON DAVIS HIGHWAY, SUITE 400
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: USA
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/395,800A
; FILING DATE: 28-FEB-1995
; CLASSIFICATION: 435
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 413-3000
; TELEFAX: (703) 413-2220
; TELEX: 248855 OPAT UR
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-395-800A-22

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 99;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 541 TGCTCCTAGGCTCC 555
Db 1 TGCTCCTAGACCTC 15

RESULT 214
US-08-311-486C-638/c
; Sequence 638, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisch
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 99;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 504 ACAGAGTACTGACTC 618
Db 15 ACAGAGCAATGACTC 1

RESULT 215
US-08-292-620A-397
; Sequence 397, Application US/08292620A
; Patent No. 5837542
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 99;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 604 ACAGAGTACTGACTC 618
Db 15 ACAGAGCAATGACTC 1

US-08-311-486C-638

STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 638:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-638

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 99;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 604 ACAGAGTACTGACTC 618
Db 15 ACAGAGCAATGACTC 1

US-08-311-486C-638

two

APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:

/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 208/149
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 402:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-292-620A-402

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCGCTCTAGGCC 552
Db 1 CUCUGCUCUGGCC 15

RESULT 218
US-08-774-306A-404
/ Sequence 404, Application US/08774306A
/ Patent No. 5869253
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HEPATITIS C
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 497
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/774,306A
/ FILING DATE: December 26, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 223/227
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 404:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-774-306A-404

Query Match 3.0%; Score 11.8; DB 1; Length 15;

Best Local Similarity 53.3%; Pred. No. 99;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;
QY 533 ACATCTCTGCTCCT 547
Db 1 ACAUCGUCUGCGCU 15

RESULT 219
US-09-064-156A-404
/ Sequence 404, Application US/09064156A
/ Patent No. 6132966
/ GENERAL INFORMATION:
/ APPLICANT: Draper, Kenneth G.
/ TITLE OF INVENTION: METHOD AND REAGENT FOR
/ TITLE OF INVENTION: INHIBITING HEPATITIS C
/ TITLE OF INVENTION: VIRUS REPLICATION
/ NUMBER OF SEQUENCES: 498
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071-2066
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: Word Perfect 5.1
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/064,156A
/ FILING DATE: April 21, 1998
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/774,306
/ FILING DATE: December 26, 1996
/ APPLICATION NUMBER: 08/182,968
/ FILING DATE: January 13, 1994
/ APPLICATION NUMBER: 07/882,888
/ FILING DATE: May 14, 1992
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 234/083
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 404:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-09-064-156A-404

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 99;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCTCTGCTCCT 547
Db 1 ACAUCGUCUGCGCU 15

RESULT 220
US-09-071-845-397
/ Sequence 397, Application US/09071845
/ Patent No. 6132967
/ GENERAL INFORMATION:
/ APPLICANT: Susan Grimm

APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 397:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-397

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCTGCTCCTAGGCC 552
|:|:|:|:|:|:|
Db 1 CUCUGCUCUGGCC 15

RESULT 221
US-09-071-845-399
Sequence 399, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 397:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-397

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCTGCTCCTAGGCC 552
|:|:|:|:|:|:|
Db 1 CUCUGCUCUGGCC 15

RESULT 221
US-09-071-845-399
Sequence 399, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 397:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-397

TITLE OF INVENTION: INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 399:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-399

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCTGCTCCTAGGCC 552
|:|:|:|:|:|:|
Db 1 CUCUGCUCUGGCC 15

RESULT 222
US-09-071-845-402
Sequence 402, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 399:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-399

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 538 CTCTGCTCCTAGGCC 552
|:|:~|:~|:~|:~|:~|
Db 1 CUCUGCUCUGGCC 15

RESULT 222
US-09-071-845-402
Sequence 402, Application US/09071845
Patent No. 6132967
GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/071,845
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620
FILING DATE: August 17, 1994
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 399:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-071-845-399


```

; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071.845
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/292.620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008.895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989.849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 402:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-402

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 60.0%; Pred. No. 99;
Matches 9; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

Qy 538 CTCTGCTCCTAGGCC 552
Db 1 CUCGCGCUCGCGCC 15

RESULT 223
US-08-232-087A-5/c
; Sequence 5, Application US/08232087A
; Patent No. 5866372
; GENERAL INFORMATION:
; APPLICANT: Stein, Harald
; APPLICANT: D rkoop, Horst
; APPLICANT: Latza, Ute
; TITLE OF INVENTION: Lymphoid CD30-Antigen
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Birch, Stewart, Kolasch & Birch, LLP
; STREET: 810 Gatehouse Road, Suite 500 East
; CITY: Falls Church
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22042
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/232.087A
; FILING DATE: 08-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murphy Jr., Gerald M.
; REGISTRATION NUMBER: 28,977
; REFERENCE/DOCKET NUMBER: 756-103P
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 205-8000
; TELEFAX: (703) 205-8050
; TELEX: 248345
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-08-232-087A-5

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 781 GCAGCCCTCTGGTG 795
Db 15 GCAGCCCTCGGTG 1

RESULT 224
US-08-985-090-24
; Sequence 24, Application US/08985090
; Patent No. 5885893
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl
; TITLE OF INVENTION: MUSCARINIC RECEPTORS AND USES THEREFOR
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985.090
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jean M. Silveri
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: MNI-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-985-090-24

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
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Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCGAGCCCT 15

RESULT 225

US-09-165-543-26
; Sequence 26, Application US/09165543
; Patent No. 6093545
; GENERAL INFORMATION:
; APPLICANT: Andrew D. J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/165,543
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-165-543-26

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCGAGCCCT 15

RESULT 226

PCT-US91-03680-79
; Sequence 79, Application PC/TUS9103680
; GENERAL INFORMATION:
; APPLICANT: Matteucci, Mark D.
; APPLICANT: Krawczyk, Steven
; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
; CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
; TITLE OF INVENTION: DUPLEX DNA
; NUMBER OF SEQUENCES: 158
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morrison & Foerster
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park

STATE: California
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US91/03680
FILING DATE: 19910524
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 4610-0011.40
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-327-7250
TELEFAX: 415-327-2951
TELEX: 706141
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 12 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: modified_base
LOCATION: 1
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION:
FEATURE:
NAME/KEY: modified_base
LOCATION: 3
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 8
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
FEATURE:
NAME/KEY: modified_base
LOCATION: 11
OTHER INFORMATION: /mod_base= OTHER
OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-79

Query Match 2.9%; Score 11.6; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 67;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy 831 CTCCTTTCTTCT 842
Db 1 MTCCTTTCTTCT 12

RESULT 227

US-08-050-073-63/c
; Sequence 63, Application US/08050073
; Patent No. 5567809
; GENERAL INFORMATION:
; APPLICANT: Apple, Raymond J.
; APPLICANT: Begovich, Ann B.
; APPLICANT: Bugawan, Teodorica L.
; APPLICANT: Erlich, Henry A.
; APPLICANT: Griffith, Robert L.
; APPLICANT: Scharf, Stephen J.
; TITLE OF INVENTION: Methods and Reagents for HLA DRBeta DNA
; NUMBER OF SEQUENCES: 315
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hoffmann-La Roche Inc.

STREET: 340 Kingsland Street
CITY: Nutley
STATE: New Jersey
COUNTRY: U.S.A.
ZIP: 07110
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/050,073
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Petry, Douglas A.
REGISTRATION NUMBER: 35,321
REFERENCE/DOCKET NUMBER: 8769
TELECOMMUNICATION INFORMATION:
TELEPHONE: (510) 814-2974
TELEFAX: (510) 814-2977
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: genomic DNA
US-08-050-073-63

Query Match 2.9%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGCAGC 560
|||||
Db 14 AGCGCGCCCGCAGC 2

RESULT 228
US-08-373-124A-85/c
Sequence 85, Application US/08373124A
Patent No. 5646042
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwiggen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/373,124A
FILING DATE: January 13, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943

FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422
FILING DATE: August 26, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/035
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-373-124A-85

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 TTCTCGAAGCTTG 675
|||||
Db 13 TTCTCGAAGCTTG 1

RESULT 229
US-08-110-691A-1
Sequence 1, Application US/08110691A
Patent No. 5795714
GENERAL INFORMATION:
APPLICANT: CANTOR, Charles, R.
APPLICANT: PRZETAKIEWICZ, Mark
TITLE OF INVENTION: A METHOD FOR REPLICATING AN
TITLE OF INVENTION: ARRAY OF NUCLEIC ACID PROBES (as amended)
NUMBER OF SEQUENCES: 48
CORRESPONDENCE ADDRESS:
ADDRESSEE: Baker & Botts, LLP
STREET: 1299 Pennsylvania Avenue, NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/110,691A
FILING DATE: 23-AUG-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/972,012
FILING DATE: 06-NOV-1992
ATTORNEY/AGENT INFORMATION:
NAME: Remenick, James
REGISTRATION NUMBER: 36,902
REFERENCE/DOCKET NUMBER: 16865-0124
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-639-7700
TELEFAX: 202-639-7890
TELEX:

INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-08-110-691A-1

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCAAGAGCT 804

Db 3 GGTGCAAGAGCT 15

RESULT 230

US-08-311-486C-83
; Sequence 83, Application US/08311486C
; Patent No. 5811300

GENERAL INFORMATION:
; APPLICANT: Sean Sullivan

; APPLICANT: Kenneth Draper

; APPLICANT: Kevin Kisich

; APPLICANT: Dan T. Stinchcomb

; APPLICANT: James McSwiggen

; TITLE OF INVENTION: RIBOZYME TREATMENT OF

; TITLE OF INVENTION: DISEASES OR CONDITIONS

; TITLE OF INVENTION: RELATED TO LEVELS OF

; NUMBER OF SEQUENCES: TNF-

; NUMBER OF SEQUENCES: 1157

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/311,486C

; FILING DATE: September 23, 1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; PRIOR APPLICATION DATA: including application

; PRIOR APPLICATION DATA: described below:

; APPLICATION NUMBER: 08/008,895

; FILING DATE: January 19, 1993

; APPLICATION NUMBER: 07/989,849

; FILING DATE: December 7, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard J.

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/166

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 83:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-311-486C-83

Query Match

Best Local Similarity 2.9%; Score 11.4; DB 1; Length 15;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCGAGCC 576

|:::|

Db 3 CUCCUACCAGACC 15

RESULT 231

US-08-435-628-85/c
; Sequence 85, Application US/08435628
; Patent No. 5817796

GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Dan T.

; APPLICANT: Draper, Kenneth

; APPLICANT: McSwiggen, James

; APPLICANT: Jarvis, Thale

; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR

; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND

; TITLE OF INVENTION: CANCER USING RIBOZYMES

; NUMBER OF SEQUENCES: 2627

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; STREET: Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: Word Perfect 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/435,628

; FILING DATE: 05-MAY-1995

; CLASSIFICATION: 514

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/373,124

; FILING DATE: January 13, 1995

; APPLICATION NUMBER: 08/245,466

; FILING DATE: May 18, 1994

; APPLICATION NUMBER: 08/192,943

; FILING DATE: February 7, 1994

; APPLICATION NUMBER: 07/987,132

; FILING DATE: December 7, 1992

; APPLICATION NUMBER: 07/936,422

; FILING DATE: August 26, 1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 209/035

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 85:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-08-435-628-85

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 663 TTCTCGAAGCTTG 675

|:::|

|:::|

|:::|

RESULT 232

US-08-585-684B-1199
; Sequence 1199, Application US/08585684B

```
/ Patent No. 5877021
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Daniel T.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: McSwigen, James
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/585,684B
/ FILING DATE: January 16, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/000,951
/ FILING DATE: July 7, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1199:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: linear
/ US-08-585-684B-1199

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTG 845
Db 1 CUUGCUUCUCUG 13

RESULT 233
US-08-617-010C-21
/ Sequence 21, Application US/08617010C
/ Patent No. 6194144
/ GENERAL INFORMATION:
/ APPLICANT: Hubert K ster
/ TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Heller Ehrman White & McAlliff
/ STREET: 4250 Executive Square, 7th Floor
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92037-9103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS

Patent No. 5877021
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Daniel T.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: McSwigen, James
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/585,684B
/ FILING DATE: January 16, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/000,951
/ FILING DATE: July 7, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1199:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: linear
/ US-08-585-684B-1199

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTG 845
Db 1 CUUGCUUCUCUG 13

RESULT 233
US-08-617-010C-21
/ Sequence 21, Application US/08617010C
/ Patent No. 6194144
/ GENERAL INFORMATION:
/ APPLICANT: Hubert K ster
/ TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
/ NUMBER OF SEQUENCES: 21
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Heller Ehrman White & McAlliff
/ STREET: 4250 Executive Square, 7th Floor
/ CITY: La Jolla
/ STATE: CA
/ COUNTRY: USA
/ ZIP: 92037-9103
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: DOS

Patent No. 5877021
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Daniel T.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: McSwigen, James
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/585,684B
/ FILING DATE: January 16, 1996
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 60/000,951
/ FILING DATE: July 7, 1995
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 1199:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 15 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: linear
/ US-08-585-684B-1199

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTG 845
Db 1 CUUGCUUCUCUG 13

RESULT 234
US-09-038-073-1199
/ Sequence 1199, Application US/09038073
/ Patent No. 6194150
/ GENERAL INFORMATION:
/ APPLICANT: Stinchcomb, Daniel T.
/ APPLICANT: Jarvis, Thale
/ APPLICANT: McSwigen, James
/ TITLE OF INVENTION: METHOD AND REAGENT FOR THE
/ TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
/ TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
/ NUMBER OF SEQUENCES: 2751
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Lyon & Lyon
/ STREET: 633 West Fifth Street
/ STREET: Suite 4700
/ CITY: Los Angeles
/ STATE: California
/ COUNTRY: U.S.A.
/ ZIP: 90071
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
/ MEDIUM TYPE: storage
/ COMPUTER: IBM Compatible
/ OPERATING SYSTEM: IBM P.C. DOS 5.0
/ SOFTWARE: FastSeq Version 1.5
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/038,073
/ FILING DATE:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/585,684
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 218/078
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1199:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-1199

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.2e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCG 845
|:::|:::|:::|
Db 1 CUUUGCUCUCUG 13

RESULT 235

US-09-566-591-21
Sequence 21, Application US/09566591
Patent No. 6238871

GENERAL INFORMATION:

APPLICANT: Hubert K"ster
TITLE OF INVENTION: DNA SEQUENCING BY MASS SPECTROMETRY
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McAuliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA

COUNTRY: USA

ZIP: 92037-9103

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: ASCII

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/566,591

FILING DATE: 08-May-2000

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/617,010

FILING DATE: 18-MAR-1996

APPLICATION NUMBER: 08/178,216

FILING DATE: 06-JAN-1994

APPLICATION NUMBER: 08/001,323

FILING DATE: 07-JAN-1993

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2012B

TELECOMMUNICATION INFORMATION:

TELEPHONE: 858-450-8400

TELEFAX: 858-587-5360

TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 21:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

SEQUENCE DESCRIPTION: SEQ ID NO: 21:

US-09-566-591-21

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCT 804
|:::|:::|:::|
Db 3 GGTCCAGAGCT 15

RESULT 236

US-09-081-646-672/c

Sequence 672, Application US/09081646

Patent No. 6333152

GENERAL INFORMATION:

APPLICANT: Kinzler, Kenneth

APPLICANT: Vogelstein, Bert

APPLICANT: Zhang, Lin

APPLICANT: Zhou, Wei

TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and

FILE REFERENCE: 01107.74664

CURRENT APPLICATION NUMBER: US/09/081,646

CURRENT FILING DATE: 1998-05-20

EARLIER APPLICATION NUMBER: 60/047,352

EARLIER FILING DATE: 1997-05-21

NUMBER OF SEQ ID NOS: 871

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 672

LENGTH: 15

TYPE: DNA

ORGANISM: Homo sapiens

US-09-081-646-672

Query Match 2.9%; Score 11.4; DB 1; Length 15;

Best Local Similarity 92.3%; Pred. No. 1.2e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 509 ACCCAGGTACCA 521
|:::|:::|:::|
Db 15 AGCCAGGTACCA 3

RESULT 237

US-08-744-481A-31

Sequence 31, Application US/08744481A

Patent No. 6428955

GENERAL INFORMATION:

APPLICANT: K ster, Hubert

TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY

NUMBER OF SEQUENCES: 55

CORRESPONDENCE ADDRESS:

ADDRESSEE: HELLER EHRMAN WHITE & MCAULIFFE

STREET: 4250 Executive Square, Suite 700

CITY: La Jolla

STATE: California

COUNTRY: USA

ZIP: 92037-9103

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/744,481A

FILING DATE: No. 6428955ember 6, 1996

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/617,256

FILING DATE: March 18, 1996

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.

REGISTRATION NUMBER: 33,779

REFERENCE/DOCKET NUMBER: 24736-2004

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)450-8400

TELEFAX: (617)587-5360

INFORMATION FOR SEQ ID NO: 31:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cdna

US-08-744-481A-31

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 792 GGTGCCAAGACT 804
| | | | |
Db 3 GGTGCCAAGACT 15

RESULT 238

US-08-929-140-5/c
Sequence 5, Application US/08929140

Patent No. 6084090

GENERAL INFORMATION:

APPLICANT: DiPaolo, Joseph

APPLICANT: Alvarez-Salas, Luis

TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION

TITLE OF INVENTION: BY ANTISENSE OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive Sixteenth Flo

CITY: Newport Beach

STATE: CA

COUNTRY: USA

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA: US/08/929,140

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: NIH138.001A

TELEPHONE: 714/760-0404

TELEFAX: 714/760-9503

TELEX:

INFORMATION FOR SEQ ID NO: 5:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cdna

US-08-929-140-5

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 837 TCTTCTCTGAAGA 849
| | | | |
Db 14 TGTTCCTCTGAAGA 2

RESULT 239

US-08-929-140-7/c

Sequence 7, Application US/08929140

Patent No. 6084090

GENERAL INFORMATION:

APPLICANT: DiPaolo, Joseph

APPLICANT: Alvarez-Salas, Luis

TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION

TITLE OF INVENTION: BY ANTISENSE OLIGONUCLEOTIDES

NUMBER OF SEQUENCES: 17

CORRESPONDENCE ADDRESS:

ADDRESSEE: Knobbe, Martens, Olson & Bear

STREET: 620 Newport Center Drive Sixteenth Flo

CITY: Newport Beach

STATE: CA

COUNTRY: USA

ZIP: 92660

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA: US/08/929,140

FILING DATE:

CLASSIFICATION: 514

PRIOR APPLICATION DATA:

APPLICATION NUMBER:

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Altman, Daniel E

REGISTRATION NUMBER: 34,115

REFERENCE/DOCKET NUMBER: NIH138.001A

TELECOMMUNICATION INFORMATION:

TELEPHONE: 714/760-0404

TELEFAX: 714/760-9503

TELEX:

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cdna

US-08-929-140-7

Query Match 2.9%; Score 11.4; DB 1; Length 16;

Best Local Similarity 92.3%; Pred. No. 1.3e+02;

Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 837 TCTTCTCTGAAGA 849
| | | | |
Db 14 TGTTCCTCTGAAGA 2

RESULT 240

US-08-647-924-1

Sequence 1, Application US/08647924

Patent No. 6214613

GENERAL INFORMATION:

APPLICANT: HIGUCHI, Kazuo

APPLICANT: KANNO, Kimiyoshi

TITLE OF INVENTION: NOVEL EXPRESSION SCREENING VECTOR

NUMBER OF SEQUENCES: 45

CORRESPONDENCE ADDRESS:

ADDRESSEE: YOUNG & THOMPSON

STREET: 745 South 23rd Street

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

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;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent-In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/647,924
; FILING DATE: 12-JUL-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 5/303620
; FILING DATE: 03-DEC-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/JP94/02033
; FILING DATE: 02-DEC-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: PATCH, Andrew J.
; REGISTRATION NUMBER: 32,925
; REFERENCE/DOCKET NUMBER: KP-7962
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 521-2297
; TELEFAX: (703) 685-0573
; TELEX: 248425 EMBON
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-647-924-1

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 749 GTCCAGGATCCC 761
Db 1 GTCCAGGATCCC 13

RESULT 241
US-09-560-579A-5/c
; Sequence 5, Application US/09560579A
; Patent No. 6277980
; GENERAL INFORMATION:
; APPLICANT: Dipaolo, Joseph
; Alvarez-Salas, Luis
; TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION
; BY ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/560,579A
; FILING DATE: 28-Apr-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/929,140
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH138.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-560-579A-7
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Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
;
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-560-579A-5

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 837 TCTTCTCTGAAGA 849
Db 14 TGTCTCTGAAGA 2

RESULT 242
US-09-560-579A-7/c
; Sequence 7, Application US/09560579A
; Patent No. 6277980
; GENERAL INFORMATION:
; APPLICANT: Dipaolo, Joseph
; Alvarez-Salas, Luis
; TITLE OF INVENTION: HUMAN PAPILLOMA VIRUS INHIBITION
; BY ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive Sixteenth Flo
; CITY: Newport Beach
; STATE: CA
; COUNTRY: USA
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/560,579A
; FILING DATE: 28-Apr-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/929,140
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: NIH138.001A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714/760-0404
; TELEFAX: 714/760-9503
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-560-579A-7

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-087-387-6

Query Match          2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTTCTGTTTT 595
Db 1 ACTTTTITTTTTTTT 16

RESULT 247
US-08-455-627-6
; Sequence 6, Application US/08455627
; Patent No. 5571677
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
;   Connected Macromolecular Structures
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooley Godward LLP
; STREET: Five Palo Alto Square, 3000 El Camino Real
; CITY: Palo Alto
; STATE: California
; COUNTRY: USA
; ZIP: 94306-2155
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/455,627
; FILING DATE: 31-MAY-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Nakamura, Jackie N.
; REGISTRATION NUMBER: 35,966
; REFERENCE/DOCKET NUMBER: LYNK-003/01 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-843-5000
; TELEFAX: 415-857-0663
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-455-627-6

Query Match          2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTTCTGTTTT 595
Db 1 ACTTTTITTTTTTTT 16

RESULT 248
US-08-461-271-6
; Sequence 6, Application US/08461271
; Patent No. 5741643
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
```

```
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/461,271
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/087,387
; FILING DATE: 2-Jul-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevicz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-461-271-6

Query Match          2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTTCTGTTTT 595
Db 1 ACTTTTITTTTTTTT 16

RESULT 249
US-08-713-685A-6
; Sequence 6, Application US/08713685A
; Patent No. 5817795
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
;   applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevicz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,685A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/461,271
; FILING DATE:
```

APPLICATION NUMBER: 08/087,387
FILING DATE: 2-Jul-93
ATTORNEY/AGENT INFORMATION:
NAME: Stephen C. Macevitz
REGISTRATION NUMBER: 30,285
REFERENCE/DOCKET NUMBER: 104
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 358-7794
TELEFAX: (415) 358-7855
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-713-685A-6

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTTCTGTTT 595
|||||
Db 1 ACTTTTCTCTCTCTA 16

RESULT 250
US-08-689-856-6
Sequence 6, Application US/08689856
Patent No. 5830658
GENERAL INFORMATION:
APPLICANT: Sergei M. Gryaznov
TITLE OF INVENTION: Convergent Synthesis of Branched and Multiply
NUMBER OF INVENTIONS: 26
CORRESPONDENCE ADDRESS:
ADDRESSEE: Cooley Godward LLP
STREET: Five Palo Alto Square, 3000 El Camino Real
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94306-2155
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/689,856
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/455,627
FILING DATE: 31-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Nakamura, Jackie N.
REGISTRATION NUMBER: 35,966
REFERENCE/DOCKET NUMBER: LYNX-003/01 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-843-5000
TELEFAX: 415-857-0663
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 nucleotides
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-689-856-6

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 580 ACTTTGTTCTGTTT 595
|||||
Db 1 ACTTTTCTCTCTCTA 16

RESULT 251
US-08-282-197C-20/c
Sequence 20, Application US/08282197C
Patent No. 5871730
GENERAL INFORMATION:
APPLICANT: Brzezinski, Ryszard
APPLICANT: Dery, Claude V
APPLICANT: Beaulieu, Carole
TITLE OF INVENTION: Thermostable Xylanase DNA, Protein and
TITLE OF INVENTION: Methods of Use
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave., NW
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/282,197C
FILING DATE: 29-JUL-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Cimbala, Michele A
REGISTRATION NUMBER: 33,851
REFERENCE/DOCKET NUMBER: 1050.0410000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2540
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-282-197C-20

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 557 CAGCAGCTCTCTCCCA 572
|||||
Db 16 CATCCAGCTCTCTCTA 1

RESULT 252
US-08-469-461-23
Sequence 23, Application US/08469461B
Patent No. 5981178
GENERAL INFORMATION:
APPLICANT: Tsui, Lap-Chee
APPLICANT: Rommins, Johanna M.
APPLICANT: Kerem, Bat-Sheva
TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
TITLE OF INVENTION: Mutations at Various Positions of the Gene
FILE REFERENCE: 3477-61, 033477/139840
CURRENT APPLICATION NUMBER: US/08/469,461B
CURRENT FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23

; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-469-461-23

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 556
|||||
Db 1 TGCTCGTTGACCTCC 16

RESULT 253
US-07-890-609-23
; Sequence 23, Application US/07890609C
; Patent No. 6001588
; GENERAL INFORMATION:
; APPLICANT: Tsui, Lap-Chee
; APPLICANT: Romm, Johanna M.
; APPLICANT: Kerem, Bat-Sheva
; TITLE OF INVENTION: Introns and Exons of the Cystic Fibrosis Gene and
; TITLE OF INVENTION: Mutations at Various Positions of the Gene
; FILE REFERENCE: 3477-61, 033477/139840
; CURRENT APPLICATION NUMBER: US/07/890,609C
; CURRENT FILING DATE: 1992-07-13
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: Patent in Ver. 2.0
; SEQ ID NO 23
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-07-890-609-23

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCC 556
|||||
Db 1 TGCTCGTTGACCTCC 16

RESULT 254
US-08-024-407/c
; Sequence 407, Application US/08757024
; Patent No. 6025339
; GENERAL INFORMATION:
; APPLICANT: NYCE, Jonathan W.
; TITLE OF INVENTION: METHOD OF TREATMENT FOR ASTHMA
; NUMBER OF SEQUENCES: 952
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BELL, SELTZER, PARK & GIBSON
; STREET: P.O. Drawer 34009
; CITY: Charlotte
; STATE: No. 6025339th Carolina
; COUNTRY: USA
; ZIP: 28234
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/757,024
; FILING DATE: 26-NOV-1996
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Sibley, Kenneth D.
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5218-41
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 919-881-3140
; TELEFAX: 919-881-3175
; TELEX: 575102
; INFORMATION FOR SEQ ID NO: 407:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-757-024-407

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CCTCCACTCAGGGTT 822
|||||
Db 16 CCTCCACTCAGCTTT 1

RESULT 255
US-09-070-477-6
; Sequence 6, Application US/09070477
; Patent No. 6048974
; GENERAL INFORMATION:
; APPLICANT: Sergei M. Gryaznov
; TITLE OF INVENTION: Oligonucleotide clamps having diagnostic
; TITLE OF INVENTION: and therapeutic applications
; NUMBER OF SEQUENCES: 6
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Stephen C. Macevitz, Lynx Therapeutics
; STREET: 465 Lincoln Centre Drive
; CITY: Foster City
; STATE: California
; COUNTRY: USA
; ZIP: 94404

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 5.25 inch diskette
; COMPUTER: IBM compatible
; OPERATING SYSTEM: Windows 3.1/DOS 5.0
; SOFTWARE: Microsoft Word for Windows, vers. 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/070,477
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/713,685
; FILING DATE:
; APPLICATION NUMBER: 08/461,271
; FILING DATE:
; APPLICATION NUMBER: 08/087,387
; FILING DATE: 2-JUL-93
; ATTORNEY/AGENT INFORMATION:
; NAME: Stephen C. Macevitz
; REGISTRATION NUMBER: 30,285
; REFERENCE/DOCKET NUMBER: 104
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 358-7855
; TELEFAX: (415) 358-7794
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-070-477-6

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 580 ACTTTTGTCTGTTT 595

Db 1 ACTTTTTTTTTTTT 16

RESULT 256

US-09-415-784-85
; Sequence 85, Application US/09415784
; Patent No. 6391632
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polo, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya

; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS

NUMBER OF SEQUENCES: 125

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group PLLC
STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/415,784

FILING DATE: 08-Oct-1999

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 85:

US-09-415-784-85

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTCGAGTGC 888

Db 1 CACGGTCTCGAGTGC 16

RESULT 257

US-09-509-565-26/c

; Sequence 26, Application US/09509565

; Patent No. 6399340

; GENERAL INFORMATION:

; APPLICANT: SAITO, YOSHIMASA

; APPLICANT: NOGUCHI, YUJI

; APPLICANT: YOSHIKAWA, KOJI

; APPLICANT: SORDA, SHINSUKE

; TITLE OF INVENTION: PLASMID VECTORS

; FILE REFERENCE: 0018-1105-0PCT

; CURRENT APPLICATION NUMBER: US/09/509,565

; CURRENT FILING DATE: 2000-06-23

; PRIOR APPLICATION NUMBER: PCT/JP9804611
; PRIOR FILING DATE: 1998-10-13
; PRIOR APPLICATION NUMBER: JP9/303395
; PRIOR FILING DATE: 1997-10-16
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-09-509-565-26

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 CCTCCCCAGCGAGCTC 566

Db 16 CCTTCCAGCCATCTC 1

RESULT 258

US-09-415-785A-85

; Sequence 85, Application US/09415785A

; Patent No. 6426196

; GENERAL INFORMATION:

; APPLICANT: Dubensky Jr., Thomas W.

; Polo, John M.

; Belli, Barbara A.

; Schlesinger, Sondra

; Dryga, Sergey A.

; Frolov, Ilya

; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS

NUMBER OF SEQUENCES: 125

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed Intellectual Property Law Group PLLC

STREET: 701 Fifth Avenue, Suite 6300

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/415,785A

FILING DATE: 08-Oct-1999

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: McMasters, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 930049.457D1 /1196.006

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:

LENGTH: 16 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 85:

US-09-415-785A-85

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;

Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGTGC 888
||| ||||| |||
Db 1 CACGGTCTCTGAGTGC 16

RESULT 259
US-08-944-465-85
; Sequence 85, Application US/08944465
; Patent No. 6451592
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: 06-Oct-1997
APPLICATION NUMBER: US/08/944,465
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-944-465-85

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGTGC 888
||| ||||| |||
Db 1 CACGGTCTCTGAGTGC 16

RESULT 260
US-09-415-900-85
; Sequence 85, Application US/09415900
; Patent No. 645634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS

; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; TITLE OF INVENTION: SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
FILING DATE: US/09/415,868
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/944,465
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 930049.457C4 / 1196.005
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-415-868-85

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTCTCTGAGTGC 888
||| ||||| |||
Db 1 CACGGTCTCTGAGTGC 16

RESULT 261
US-09-415-900-85
; Sequence 85, Application US/09415900
; Patent No. 645634
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; APPLICANT: Polo, John M.
; APPLICANT: Belli, Barbara A.
; APPLICANT: Schlesinger, Sondra
; APPLICANT: Dryga, Sergey A.
; APPLICANT: Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; TITLE OF INVENTION: WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS


```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/373,124A
; FILING DATE: January 13, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-373-124A-1575

Query Match          2.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 722
Db 17 GCGAGTTCGAGGAG 2

RESULT 265
US-08-435-628-1575/c
; Sequence 1575, Application US/08435628
; Patent No. 5817796
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth
; APPLICANT: McSwigen, James
; APPLICANT: Jarvis, Thale
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
; TITLE OF INVENTION: CANCER USING RIBOZYMES
; NUMBER OF SEQUENCES: 2627
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/435,628
; FILING DATE: 05-MAY-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/373,124
; FILING DATE: January 13, 1995
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
```

```
; APPLICATION NUMBER: 08/192,943
; FILING DATE: February 7, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; APPLICATION NUMBER: 07/936,422
; FILING DATE: August 26, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/035
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 1575:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-435-628-1575

Query Match          2.8%; Score 11.2; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 707 GCGAGTCCCGAGGAG 722
Db 17 GCGAGTTCGAGGAG 2

RESULT 266
US-09-249-155A-256
; Sequence 256, Application US/09249155A
; Patent No. 6538173
; GENERAL INFORMATION:
; APPLICANT: Heber-Katz, Ellen
; TITLE OF INVENTION: Compositions and Methods for Wound
; TITLE OF INVENTION: Healing
; FILE REFERENCE: 00486.78503
; CURRENT APPLICATION NUMBER: US/09/249,155A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,737
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/097,937
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: US 60/102,051
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 256
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-249-155A-256

Query Match          2.8%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 72;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 721 AGTGACTCTGG 731
Db 1 AGTGACTCTGG 11

RESULT 267
US-09-281-418-76
; Sequence 76, Application US/09281418
; Patent No. 6287769
; GENERAL INFORMATION:
; APPLICANT: Inoue, Takakazu
; TITLE OF INVENTION: Method of Amplifying DNA Fragment, Apparatus for Amplifying DNF
; TITLE OF INVENTION: agment, Method of Assaying Microorganisms, Method of Analyzing
```


;; TITLE OF INVENTION: niems and Method of Assaying Contaminant
;; FILE REFERENCE: 9982-7
;; CURRENT APPLICATION NUMBER: US/09/281,418
;; CURRENT FILING DATE: 1999-03-30
;; EARLIER APPLICATION NUMBER: JP/1998/87651
;; EARLIER FILING DATE: 1998-03-31
;; EARLIER APPLICATION NUMBER: JP/1999/69694
;; EARLIER FILING DATE: 1999-03-16
;; NUMBER OF SEQ ID NOS: 216
;; SEQ ID NO 76
;; LENGTH: 12
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
US-09-281-418-76

Query Match 2.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 848 GACGCGTCCT 858
|||
Db 1 GACGCGTCCT 11

RESULT 268
PCT-US91-03680-80
;; Sequence 80, Application PC/TUS9103680
;; GENERAL INFORMATION:
;; APPLICANT: Matteucci, Mark D.
;; APPLICANT: Krawczyk, Steven
;; TITLE OF INVENTION: SEQUENCE-SPECIFIC NONPHOTOACTIVATED
;; TITLE OF INVENTION: CROSSLINKING AGENTS WHICH BIND TO THE MAJOR GROOVE OF
;; TITLE OF INVENTION: DUPLEX DNA
;; NUMBER OF SEQUENCES: 158
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Morrison & Foerster
;; STREET: 545 Middlefield Road, Suite 200
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: USA
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US91/03680
;; FILING DATE: 19910524
;; CLASSIFICATION: 435
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Murashige, Kate H.
;; REGISTRATION NUMBER: 29,959
;; REFERENCE/DOCKET NUMBER: 4610-0011.40
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-327-7250
;; TELEFAX: 415-327-2951
;; TELEX: 706141
;; INFORMATION FOR SEQ ID NO: 80:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 12 base pairs
;; TYPE: NUCLEIC ACID
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: modified_base
;; LOCATION: 1
;; OTHER INFORMATION: /mod_base= OTHER
;; OTHER INFORMATION: /note= "N4,N4-ethanocytosine"
;; FEATURE:
;; NAME/KEY: modified_base

;; LOCATION: 3
;; OTHER INFORMATION: /mod_base= OTHER
;; OTHER INFORMATION: /note= "5-methylcytosine"
;; FEATURE:
;; NAME/KEY: modified_base
;; LOCATION: 8
;; OTHER INFORMATION: /mod_base= OTHER
;; OTHER INFORMATION: /note= "5-methylcytosine"
;; FEATURE:
;; NAME/KEY: modified_base
;; LOCATION: 11
;; OTHER INFORMATION: /mod_base= OTHER
;; OTHER INFORMATION: /note= "5-methylcytosine"
PCT-US91-03680-80

Query Match 2.8%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 87;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 832 TCTTTTCTCT 842
|||
Db 2 TCTTTTCTCT 12

RESULT 269
US-08-666-341A-23/C
;; Sequence 23, Application US/08666341A
;; Patent No. 6365345
;; GENERAL INFORMATION:
;; APPLICANT:
;; TITLE OF INVENTION: Antisense nucleic Acids for the
;; TITLE OF INVENTION: prevention and treatment of disorders in which expression
;; TITLE OF INVENTION: Of c-erbB plays a role
;; NUMBER OF SEQUENCES: 106
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jacobson, Price, Holman and Stern, PLLC
;; STREET: 400 Seventh street, N.W.
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20004
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disc
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/666,341A
;; FILING DATE: 15-AUG-1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP 93120710.4
;; INFORMATION FOR SEQ ID NO: 23:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: unknown
;; TOPOLOGY: unknown
;; MOLECULE TYPE: DNA (genomic)
;; ANTI-SENSE: YES
US-08-666-341A-23

Query Match 2.8%; Score 11; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 597 CTACACACACAG 607
|||
Db 11 CTACACACAG 1

RESULT 270
US-08-182-968A-306

; Sequence 306, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 306:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-306

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 563 GCTCCTCCGAG 573
DB 5 GCUCUCCGAG 15

RESULT 271
US-08-182-968A-428/c
; Sequence 428, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/182,968A
; FILING DATE: 13-JANUARY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/882,888
; FILING DATE: 14-MAY-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 205/277
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 428:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-182-968A-428

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 713 CCCAGGAGGT 723
DB 13 CCCAGGAGGT 3

RESULT 272
US-08-363-240A-61
; Sequence 61, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-363-240A-61

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 63.6%; Pred. No. 1.4e+02;
Matches 7; Conservative 4; Mismatches 0; Indels 0;

QY 722 GTGACTCTGGT 732
|:||||:|
DB 2 GUGACUCUGGU 12

RESULT 273
US-08-774-306A-306
; Sequence 306, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 306:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-306

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0;

QY 563 GCTCTTCCAG 573
|:||||:|
DB 5 GCUCUCCAG 15

RESULT 274
US-08-774-306A-428/c
; Sequence 428, Application US/08774306A
; Patent No. 5869253
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08774.306A
; FILING DATE: December 26, 1996
; PRIOR APPLICATION NUMBER:
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 223/227
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 428:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-774-306A-428

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGT 723
|:||||:|
DB 13 CCCAGGAGAGT 3

RESULT 275
US-09-064-156A-306
; Sequence 306, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 306:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-306

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 563 GCTCCTCCAG 573
Db 5 GCTCCUCCAG 15

RESULT 276
US-09-064-156A-428/c
Sequence 428, Application US/09064156A
Patent No. 6132966
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 498
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/064,156A
FILING DATE: April 21, 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/774,306
FILING DATE: December 26, 1996
APPLICATION NUMBER: 08/182,968
FILING DATE: January 13, 1994
APPLICATION NUMBER: 07/882,888
FILING DATE: May 14, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 234/083
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 428:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-064-156A-428

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 713 CCCAGGAGAGT 723
Db 13 CCCAGGAGAGT 3

RESULT 277
US-09-081-646-711/c
Sequence 711, Application US/09081646
Patent No. 6333152
GENERAL INFORMATION:
APPLICANT: Kinzler, Kenneth
APPLICANT: Vogelstein, Bert
APPLICANT: Zhang, Lin
APPLICANT: Zhou, Wei
TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
TITLE OF INVENTION: Cancer Cells
FILE REFERENCE: 01107.74664
CURRENT APPLICATION NUMBER: US/09/081,646
CURRENT FILING DATE: 1998-05-20
EARLIER APPLICATION NUMBER: 60/047,352
EARLIER FILING DATE: 1997-05-21
NUMBER OF SEQ ID NOS: 871
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 711
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-081-646-711

Query Match 2.8%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 773 TTCTGAGGCA 783
Db 15 TTCTGAGGCA 5

RESULT 278
US-08-303-004-13/c
Sequence 13, Application US/08303004
Patent No. 5556955
GENERAL INFORMATION:
APPLICANT: Vergnaud, Gilles

TITLE OF INVENTION: Process for Detection of New Polymor-
TITLE OF INVENTION: phic loci in an ADN Sequence, Nucleotide Sequences Forming
TITLE OF INVENTION: Hybridisation Probes and Their Biological Applications
NUMBER OF SEQUENCES: 38

CORRESPONDENCE ADDRESS:

ADDRESSEE: Oliff & Berridge

STREET: P.O. Box 19928

CITY: Alexandria

STATE: Virginia

COUNTRY: U.S.A

ZIP: 22320

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/303,004

FILING DATE:

CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/931,311B

FILING DATE: 19920818

ATTORNEY/AGENT INFORMATION:

NAME: Berridge, William P.

REGISTRATION NUMBER: 30,024

REFERENCE/DOCKET NUMBER: WPB 28264

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 836-6400

TELEFAX: (703) 836-2787

TELEX: 90-1799 PTO ALEX

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

US-08-303-004-13

Query Match 2.7%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.3e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 584 TTGTTCTGTTTTC 597

Db 14 TTGCTCTGTTTGTC 1

RESULT 279

US-08-269-162-3

; Sequence 3, Application US/08269162

; Patent No. 5622821

; GENERAL INFORMATION:

APPLICANT: Selvin, Paul R

APPLICANT: Hearst, John E

TITLE OF INVENTION: LUMINESCENT LANTHANIDE CHELATES AND

TITLE OF INVENTION: METHODS OF USE

NUMBER OF SEQUENCES: 5

CORRESPONDENCE ADDRESS:

ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT

STREET: 4 Embarcadero Center, Suite 3400

CITY: San Francisco

STATE: California

COUNTRY: USA

ZIP: 94111-4187

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/269,162

FILING DATE: 29-JUN-1994

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Osman, Richard A

REGISTRATION NUMBER: 36,627

REFERENCE/DOCKET NUMBER: A-59234-1/RAO

TELECOMMUNICATION INFORMATION:

TELEPHONE: (415) 781-1989

TELEFAX: (415) 398-3249

TELEX: 910 277299

INFORMATION FOR SEQ ID NO: 3:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

US-08-269-162-3

Query Match 2.7%; Score 10.8; DB 1; Length 14;

Best Local Similarity 85.7%; Pred. No. 1.3e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 537 CCTCTGCTCTAGG 550

Db 1 CCAGTGTGCTAGG 14

RESULT 280

US-08-765-340-181

; Sequence 181, Application US/08765340

; Patent No. 6150092

; GENERAL INFORMATION:

APPLICANT: UCHIDA, K.,

APPLICANT: UCHIDA, T.,

APPLICANT: TANAKA, Y.,

APPLICANT: MATSUDA, Y.,

APPLICANT: KONDO, S.,

TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID

TITLE OF INVENTION: COMPOUND

NUMBER OF SEQUENCES: 185

CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.

STREET: 345 PARK AVENUE

CITY: NEW YORK

STATE: NEW YORK

COUNTRY: USA

ZIP: 10154

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version

SOFTWARE: #1.30 (EPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/765,340

FILING DATE: 23-DEC-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 145146/94

FILING DATE: 27-JUN-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: JP 311130/94

FILING DATE: 21-NOV-1994

ATTORNEY/AGENT INFORMATION:

NAME: SERUNIAN, LESLIE

REGISTRATION NUMBER: 35,353

REFERENCE/DOCKET NUMBER: 1452-4005

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 751-6800

TELEFAX: (212) 751-6849

INFORMATION FOR SEQ ID NO: 181:

SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-181

Query Match 2.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 585 TGTTCCTGTTTTC 598
||| ||| ||| ||| |||
Db 1 TGCTCTGCTCTTCT 14

RESULT 281
US-08-765-340-183
; Sequence 183, Application US/08765340
; Patent No. 6150092
; GENERAL INFORMATION:
; APPLICANT: UCHIDA, K.,
; APPLICANT: UCHIDA, T.,
; APPLICANT: TANAKA, Y.,
; APPLICANT: MATSUDA, Y.,
; APPLICANT: KONDO, S.,
; TITLE OF INVENTION: AN ANTISENSE NUCLEIC ACID
; TITLE OF INVENTION: COMPOUND
; NUMBER OF SEQUENCES: 185
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version
SOFTWARE: #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/765,340
FILING DATE: 23-DEC-1996
PRIOR APPLICATION DATA: JP 145146/94
FILING DATE: 27-JUN-1994
APPLICATION NUMBER: JP 311130/94
FILING DATE: 21-NOV-1994
ATTORNEY/AGENT INFORMATION:
NAME: SERUNIAN, LESLIE
REGISTRATION NUMBER: 35,353
REFERENCE/DOCKET NUMBER: 1452-4005
TELEPHONE: (212) 758-4800
TELEFAX: (212) 751-6849
INFORMATION FOR SEQ ID NO: 183:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "synthetic DNA"
US-08-765-340-183

Query Match 2.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 584 TTGTCCTGTTTTC 597
||| ||| ||| ||| |||
Db 1 TTGCTCTGCTCTTTC 14

RESULT 282
US-09-475-947A-310/c
; Sequence 310, Application US/09475947A
; Patent No. 6472154
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Wren, Jonathan D.
; APPLICANT: Minna, John D.
; TITLE OF INVENTION: Polymorphic Repeats in Human Genes
; FILE REFERENCE: UTSD0667
; CURRENT APPLICATION NUMBER: US/09/475,947A
; CURRENT FILING DATE: 1999-12-31
; NUMBER OF SEQ ID NOS: 346
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 310
; LENGTH: 14
; TYPE: DNA
; ORGANISM: human
US-09-475-947A-310

Query Match 2.7%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 1.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTCCTGTTTTC 596
||| ||| ||| ||| |||
Db 1 14 TTGTCCTGTTTTC 1

RESULT 283
US-08-182-968A-73/c
; Sequence 73, Application US/08182968A
; Patent No. 5610054
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 497
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 73:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-73

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. NO. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 551 CTTCCCGAGGAGC 564
Db 15 CGCGCCCAAGGAGC 2

RESULT 284

US-08-182-968A-403
Sequence 403, Application US/08182968A
Patent No. 5610054
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING HEPATITIS C
TITLE OF INVENTION: VIRUS REPLICATION
NUMBER OF SEQUENCES: 497
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/182,968A
FILING DATE: 13-JANUARY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/882,888
FILING DATE: 14-MAY-1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 205/277
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 403:
SEQUENCE CHARACTERISTICS:
LENGTH: 15
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-182-968A-403

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. NO. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 531 CAACATCTCTGCT 544
Db 2 CGACACUCGUCGCU 15

RESULT 285

US-08-319-492B-460
Sequence 460, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: IL-5
NUMBER OF SEQUENCES: 751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/319,492B
FILING DATE: October 7, 1994
PRIOR APPLICATION DATA:
APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/276
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 460:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-319-492B-460

Two

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 28.6%; Pred. NO. 1.5e+02;
Matches 4; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 579 GACITTTGTTCTGT 592
Db 2 GACUUUCUUAUGU 15

RESULT 286

US-08-319-492B-464/C
Sequence 464, Application US/08319492B
Patent No. 5616488
GENERAL INFORMATION:
APPLICANT: Sullivan, Sean M.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: RIBOZYME TREATMENT OF DISEASES
TITLE OF INVENTION: OR CONDITIONS RELATED TO LEVELS
TITLE OF INVENTION: IL-5

```

; NUMBER OF SEQUENCES: 751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: October 7, 1994
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/276
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 464:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-319-492B-464

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCC 538
Db 15 CTTTCCCAAAATCC 2

RESULT 287
US-08-291-932A-95
; Sequence 95, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,492B
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
```

```

; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 95:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-291-932A-95

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.5e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCC 811
Db 2 AAGACUUCUCC 15

RESULT 288
US-08-291-932A-160
; Sequence 160, Application US/08291932A
; Patent No. 5658780
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA: including application
```


PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 160:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-160

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 850 CAGCGTCTGCTC 863
DB 2 CAGCCUCCAGGCUC 15

RESULT 289

US-08-291-932A-284
Sequence 284, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 284:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-284

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.5e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 798 AAGAGCTCTCTCC 811
DB 2 AAGACUUCUCCUC 15

RESULT 290

US-08-291-932A-364/c
Sequence 364, Application US/08291932A
Patent No. 5658780
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Draper, Kenneth G.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RIBOZYME TREATMENT OF
TITLE OF INVENTION: DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: NF-KB
NUMBER OF SEQUENCES: 830
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/291,932A
FILING DATE: August 15, 1994
CLASSIFICATION: 514
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 364:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-291-932A-364

Two

Two

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 840 TCTCTGAACAGC 853
 DB 14 TCTGTGAACAGC 1

RESULT 291

US-08-334-847-459/c
 ; Sequence 459, Application US/08334847
 ; Patent No. 5693532

GENERAL INFORMATION:

; APPLICANT: McSwiggen, James
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: Woolf, Tod
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING RESPIRATORY
 ; TITLE OF INVENTION: SYNCYTIAL VIRUS
 ; NUMBER OF SEQUENCES: 909
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/334,847
 ; FILING DATE: No. 5693532ember 4, 1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:

FILING DATE:

; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/032
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 459:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-334-847-459

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 516 GTACCAATCTTC 529
 DB 15 GTATCAATCTATC 2

RESULT 292

US-08-334-847-460/c
 ; Sequence 460, Application US/08334847
 ; Patent No. 5693532

GENERAL INFORMATION:

; APPLICANT: McSwiggen, James
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Pavco, Pam
 ; APPLICANT: Woolf, Tod
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING RESPIRATORY
 ; TITLE OF INVENTION: SYNCYTIAL VIRUS
 ; NUMBER OF SEQUENCES: 909
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/334,847
 ; FILING DATE: No. 5693532ember 4, 1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER:
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 209/032
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 460:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-334-847-460

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 515 AGTACCAATCTTT 528
 DB 14 AGTATCAATCTAT 1

RESULT 293

US-08-271-880A-64/c
 ; Sequence 64, Application US/08271880A
 ; Patent No. 5693535

GENERAL INFORMATION:

; APPLICANT: Kenneth G. Draper
 ; APPLICANT: Bharat Chowrira
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James D. Thompson
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
 ; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
 ; TITLE OF INVENTION: REPLICATION
 ; NUMBER OF SEQUENCES: 232
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; CITY: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California

```
;
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/271,880A
; FILING DATE: July 7, 1994
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-271-880A-64

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 567 CTCGCCAGACCAGA 580
Db 15 CTCGCTGACCCAGA 2

RESULT 294
US-08-363-240A-178
; Sequence 178, Application US/08363240A
; Patent No. 5705388
; GENERAL INFORMATION:
; APPLICANT: Couture, Larry
; APPLICANT: McSwiggen, James
; APPLICANT: Bisgaier, Charles
; APPLICANT: Pape, Michael
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: PREVENTION, INHIBITION OF
; TITLE OF INVENTION: PROGRESSION AND REGRESSION
; TITLE OF INVENTION: OF VASCULAR DISEASES
; NUMBER OF SEQUENCES: 1243
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/363,240A
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; two
```

```
;
; FILING DATE: December 23, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 210/096
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 178:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-363-240A-178

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCTTCCTCTCT 776
Db 2 AGGCCUCCUAUCU 15

RESULT 295
US-08-311-486C-34
; Sequence 34, Application US/08311486C
; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311,486C
; FILING DATE: September 23, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; two
```

TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-34

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 534 CATCCTCTGCTCT 547
DB 2 CAGCCUCUCUCUCU 15

RESULT 296
US-08-311-486C-61/C
Sequence 61, Application US/08311486C
Patent No. 5811300

GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- α
NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid

two

STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-61

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 591 GTTTTCTACACAC 604
DB 15 GCTTCTACACAC 2

RESULT 237
US-08-311-486C-154
Sequence 154, Application US/08311486C
Patent No. 5811300

GENERAL INFORMATION:
APPLICANT: Sean Sullivan
APPLICANT: Kenneth Draper
APPLICANT: Kevin Kisich
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
TITLE OF INVENTION: TNF- α
NUMBER OF SEQUENCES: 1157

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/311,486C
FILING DATE: September 23, 1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 209/166
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-311-486C-154

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

two

Qy 578 AGACTTTTGTCTG 591
|||:::|:|:
Db 2 AGCCUUGGUUCUG 15

RESULT 298
US-08-311-486C-622/c
; Sequence 622, Application US/08311486C
; Patent No. 5811300

; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 622:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-622

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 863 CCAGTTGGAACT 876
|||:::|:|:
Db 15 CCAGCTGGAAGACT 2

RESULT 299
US-08-311-486C-623
; Sequence 623, Application US/08311486C

; Patent No. 5811300
; GENERAL INFORMATION:
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth Draper
; APPLICANT: Kevin Kisich
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: TNF-
; NUMBER OF SEQUENCES: 1157
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066

; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/311.486C
; FILING DATE: September 23, 1994

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: including application
; PRIOR APPLICATION DATA: described below:
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/166
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 623:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-311-486C-623

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.5e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 810 CCAACTCAGGTTG 823
|||:::|:|:
Db 2 CCAACUCAGCGCUG 15

RESULT 300
US-08-292-620A-68
; Sequence 68, Application US/08292620A
; Patent No. 5837542

; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF

TITLE OF INVENTION: DISEASES OR CONDITIONS
RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Suite 4700
STATE: Los Angeles
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-68

two

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 578 AGACTTTTGTCTG 591
Db 2 AGACCUUUGUCCUG 15

RESULT 301

US-08-292-620A-69
Sequence 69, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 69:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-69

two

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 578 AGACTTTTGTCTG 591
Db 1 AGACCUUUGUCCUG 14

RESULT 302

US-08-292-620A-308
Sequence 308, Application US/08292620A
Patent No. 5837542

GENERAL INFORMATION:
APPLICANT: Susan Grimm
APPLICANT: Dan T. Stinchcomb
APPLICANT: James McSwiggen
APPLICANT: Sean Sullivan
APPLICANT: Kenneth G. Draper
TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
TITLE OF INVENTION: RELATED TO LEVELS OF
INTRACELLULAR ADHESION
TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
NUMBER OF SEQUENCES: 2390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/292,620A
FILING DATE: August 17, 1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA: including application
PRIOR APPLICATION DATA: described below:
APPLICATION NUMBER: 08/008,895
FILING DATE: January 19, 1993
APPLICATION NUMBER: 07/989,849
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/149
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 308:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-292-620A-308

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 28.6%; Pred. No. 1.5e+02;
Matches 4; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

Oy 581 CTTTGTTCGTGTT 594
Db 1 CUCUGUCUGUUU 14

RESULT 303
US-08-500-914A-12/c
Sequence 12, Application US/08500914A
Patent No. 5856084
GENERAL INFORMATION:
APPLICANT: KARAYIANNIS, PETER
TITLE OF INVENTION: HEPATITIS B VACCINE
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHVE P.C.
STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/500,914A
FILING DATE: 28-DEC-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: MITCHARD, LEONARD C.
REGISTRATION NUMBER: 29,009
REFERENCE/DOCKET NUMBER: 1208-17
TELECOMMUNICATION INFORMATION:
TELEPHONE: 703-816-4000
TELEFAX: 703-816-4100

INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
US-08-500-914A-12

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 540 CTGCTCCTAGGCCT 553
Db 14 CTGCTCCTAGGCCT 1

RESULT 304
US-08-173-489C-35/c
Sequence 35, Application US/08173489C
Patent No. 5861244
GENERAL INFORMATION:
APPLICANT: WANG, C. -G.
TITLE OF INVENTION: GENETIC SEQUENCE ASSAY USING DNA
TITLE OF INVENTION: TRIPLE-STRAND FORMATION.
NUMBER OF SEQUENCES: 365
CORRESPONDENCE ADDRESS:
ADDRESSEE: PROFILE DIAGNOSTIC SCIENCES, INC.,
STREET: 510 EAST 73RD STREET,
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10021.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44Mb storage
COMPUTER: IBM PC/XT/AT
OPERATING SYSTEM: MS-DOS version 6.2
SOFTWARE: Wordperfect Version 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/173,489C
FILING DATE: 22 DEC 1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/968,436
FILING DATE: 29 OCT 1992
ATTORNEY/AGENT INFORMATION:
NAME: Handelman, Joseph H.
REGISTRATION NUMBER: 26,179
REFERENCE/DOCKET NUMBER: U9518-6
TELECOMMUNICATION INFORMATION:
TELEPHONE: (attorney) (212) 708-1880
TELEFAX: (attorney) (212) 246-8959
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: double stranded
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
DESCRIPTION: dystrophin gene (Accession # M18533,
DESCRIPTION: M17154, M18026) nucleotides 5808 to 5822
HYPOTHETICAL: No
ANTI-SENSE: No
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
POSITION IN GENOME:
CHROMOSOME/SEGMENT: X-chromosome
MAP POSITION: Xp21.3-p21.1
PUBLICATION INFORMATION:
AUTHORS: Koenig, M, Hoffman, E P, Bertelson, C J,
AUTHORS: Monaco, A P, Feener, C, Kunkel, L M.

Mon Mar 8 14:22:25 2004

; TITLE: Complete cloning of the
 ; TITLE: Duchenne muscular dystrophy (DMD) cDNA and
 ; TITLE: preliminary genomic organization of the DMD
 ; TITLE: gene in normal and affected individuals
 ; JOURNAL: Cell
 ; VOLUME: 50
 ; PAGES: 509-517
 ; DATE: 1987
 ; AUTHORS: Hoffman, E P, Monaco, A P, Feener, C C,
 ; AUTHORS: Kunkel, L M.
 ; TITLE: Conservation of the Duchenne
 ; TITLE: muscular dystrophy gene in mice and humans
 ; JOURNAL: Science
 ; VOLUME: 238
 ; PAGES: 347-350
 ; DATE: 1987
 ; AUTHORS: Koenig, M, Monaco, A P, Kunkel, L M.
 ; TITLE: The complete sequence of
 ; TITLE: dystrophin predicts a rod-shaped cytoskeletal
 ; TITLE: protein
 ; JOURNAL: Cell
 ; VOLUME: 53
 ; PAGES: 219-228
 ; DATE: 1988
 ; RELEVANT RESIDUES IN SEQ ID NO: 35 :FROM 1 TO 15
 ; US-08-173-489C-35

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCT 844
 Db 14 CTTTCTCTCTT 1

RESULT 305
 US-08-774-306A-73/c
 ; Sequence 73, Application US/08774306A
 ; Patent No. 5869253
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: 08/182,968
 ; FILING DATE: January 13, 1994
 ; FILING DATE: December 26, 1996
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: May 14, 1992
 ; NAME: Warburg, Richard J.
 ; ATTORNEY/AGENT INFORMATION:
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 223/227
 ; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 73:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-774-306A-73

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 551 CCTCCCCAGCAGC 564
 Db 15 CCGCCCCAACGAGC 2

RESULT 306
 US-08-774-306A-403
 ; Sequence 403, Application US/08774306A
 ; Patent No. 5869253
 ; GENERAL INFORMATION:
 ; APPLICANT: Draper, Kenneth G.
 ; TITLE OF INVENTION: METHOD AND REAGENT FOR
 ; TITLE OF INVENTION: INHIBITING HEPATITIS C
 ; TITLE OF INVENTION: VIRUS REPLICATION
 ; NUMBER OF SEQUENCES: 497
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; STREET: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/774,306A
 ; FILING DATE: December 26, 1996
 ; PRIORITY APPLICATION DATA:
 ; APPLICATION NUMBER: 08/182,968
 ; FILING DATE: January 13, 1994
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: May 14, 1992
 ; NAME: Warburg, Richard J.
 ; ATTORNEY/AGENT INFORMATION:
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 223/227
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 403:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-08-774-306A-403

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 57.1%; Pred. No. 1.5e+02;
 Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 531 CAACATCTCTGCT 544

Mon Mar 8 14:22:25 2004

2 CGACAUCCGUCUCU 15

RESULT 307
US-08-585-684B-171
; Sequence 171, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

CUNEIFORM RECORD ADDRESS: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
JIS-08-585-684B-171

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.5e+02;
Matches 9: Conservative 3; Mismatches 2; Indels

QY 520 CAATACCTTCCCA 533
||| | : : |||
pb 1 CAACAGTTCCTCA 14

RESULT 308
US-08-585-684B-196
; Sequence 196, Application US/08585684B
; Patent No. 587021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

ZIP: 30011
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/585,684B
FILING DATE: January 16, 1996
PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA: 60/000,951
 APPLICATION NUMBER: 60/000,951
 FILING DATE: July 7, 1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 218/078
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 196:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-585-684B-196

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels

Qy 870 GAACACTTTCCTGA 883
||| : : : :
Db 2 GAGCAUUUCCUGA 15

RESULT 309
US-08-585-684B-197
; Sequence 197, Application US/08585684B
; Patent No. 587021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggan, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751

CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.

ZIE: 30071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/585,684B

```

; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-197

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 870 GAACACTTCTCGA 883
DB 1 GAGCAUUUCCUGA 14

RESULT 310
US-08-585-684B-650
; Sequence 650, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 651:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-651

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 590 TGTTTTCTACAC 603
DB 2 UCUUUUUCUACUC 15

RESULT 311
US-08-585-684B-651
; Sequence 651, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 651:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-585-684B-651

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 590 TGTTTTCTACAC 603
DB 2 UCUUUUUCUACUC 15

RESULT 312
US-08-585-684B-652
; Sequence 652, Application US/08585684B

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Mon Mar 8 14:22:25 2004

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Page 117

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; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 652:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-652

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

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QY 590 TGTGTTTCTACAC 603
DB 2 UUUUUUUUACAUC 15

RESULT 313
US-08-585-684B-653
; Sequence 653, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.

```

```

; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 653:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-585-684B-653

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 592 TTTTCTACACAC 605
DB 1 UUUUUUACAUC 14

RESULT 314
US-08-585-684B-1225
; Sequence 1225, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,684B
; FILING DATE: January 16, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/000,951
; FILING DATE: July 7, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327

```

```

QY      860 GCTCCAGTTGGAAC 873
      |||||
DB      15 GCTCCAGTAGTAAC 2

RESULT 316
US-08-477-553A-6/c
; Sequence 6, Application US/08477553A
; Patent No. 5919910
; GENERAL INFORMATION:
; APPLICANT: HUGHES-JONES, Nevin C
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: VA
; COUNTRY: USA
; ZIP: 22313-1404
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/477,553A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/856,034
; FILING DATE: 23-JUNE-1992
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 8925590.5
; FILING DATE: 13-NOV-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Meuth, Donna M.
; REGISTRATION NUMBER: 36,607
; REFERENCE/DOCKET NUMBER: 007330-032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 836-6620
; TELEFAX: (703) 836-2021
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-477-553A-6

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      860 GCTCCAGTTGGAAC 873
      |||||
DB      15 GCTCCAGTAGTAAC 2

RESULT 317
US-08-963-946-27/c
; Sequence 27, Application US/08963946
; Patent No. 5962273
; GENERAL INFORMATION:
; APPLICANT: Durmowicz, Gerard P.
; APPLICANT: Harris, James M.
; APPLICANT: Vanson, Karen D.
; TITLE OF INVENTION: Detection of Neisseria Gonorrhoeae by
; AMPLIFICATION AND DETECTION OF ITS NUCLEIC ACID
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:

```

Mon Mar 8 14:22:25 2004

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ADDRESSEE: Richard J. Rodrick - Becton, Dickinson and
 ADDRESSEE: Company
 STREET: 1 Becton Drive
 CITY: Franklin Lakes
 STATE: NJ
 COUNTRY: USA
 ZIP: 07417
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/963,946
 FILING DATE:
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Hightet, David W.
 REGISTRATION NUMBER: 30,265
 REFERENCE/DOCKET NUMBER: P-3869
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (201) 847-5317
 TELEFAX: (201) 848-9228
 INFORMATION FOR SEQ ID NO: 27:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-963-946-27

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTTCTCTC 843
 Db 14 TCTTTTCTCTC 1

RESULT 318
 US-08-910-408-64/c
 Sequence 64, Application US/08910408
 Patent No. 5972704
 GENERAL INFORMATION:
 APPLICANT: Kenneth G. Draper
 APPLICANT: Bharat Chowhira
 APPLICANT: James McSwiggen
 APPLICANT: Dan T. Stinchcomb
 APPLICANT: James D. Thompson
 TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
 TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
 REPLICATION
 NUMBER OF SEQUENCES: 232
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq Version 1.5
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/910,408
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/271,860

FILING DATE: July 7, 1994
 APPLICATION NUMBER: 08/103,243
 FILING DATE: August 6, 1993
 APPLICATION NUMBER: 07/882,886
 FILING DATE: May 14, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 206/116
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 64:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-910-408-64

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 567 CTCGCCAGACCAAGA 580
 Db 15 CTCGCTGACCCAGA 2

RESULT 319
 US-08-461-286-13
 Sequence 13, Application US/08461286
 Patent No. 5989849
 GENERAL INFORMATION:
 APPLICANT: Gewirtz, Alan M.
 APPLICANT: Calabretta, Bruno
 TITLE OF INVENTION: Antisense Oligonucleotides to C-kit
 TITLE OF INVENTION: Proto-oncogene and Uses Thereof
 NUMBER OF SEQUENCES: 18
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Temple University - of the Commonwealth
 ADDRESSEE: System of Higher Education
 STREET: 406 University Services Building
 CITY: Philadelphia
 STATE: Pennsylvania
 COUNTRY: U.S.A.
 ZIP: 19122
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
 COMPUTER: IBM PS/2
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WordPerfect 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/461,286
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/129,123
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Monaco, Daniel A.
 REGISTRATION NUMBER: 30,480
 REFERENCE/DOCKET NUMBER: 6056-129
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (215) 568-8383
 TELEFAX: (215) 568-5549
 TELEX: No. 5989849e
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 Nucleotides
 TYPE: nucleic acid
 STRANDEDNESS: single stranded

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;
; TOPOLOGY: linear
US-08-461-286-13
Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 559 GCGAGCTCTCTCCA 572
Db 1 GCGAGCGCTCTCA 14

RESULT 320
US-08-994-946A-10
; Sequence 10, Application US/08994946A
; Patent No. 6046317
; GENERAL INFORMATION:
; APPLICANT: Koulu, Markku
; APPLICANT: Karvonen, Matti
; APPLICANT: Pesonen, Ullamari
; APPLICANT: Uusitupa, Matti
; TITLE OF INVENTION: A DNA Molecule Encoding a Mutant
; TITLE OF INVENTION: Prepro-Neuropeptide Y, a Mutant Signal Peptide, and Uses
; TITLE OF INVENTION: Thereof
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rothwell, Figg, Ernst & Kurz, P.C.
; STREET: 555 13th Street NW, Suite 701-E
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/994,946A
; FILING DATE: 19-DEC-1997
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: Ihnen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2328-110
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-08-994-946A-10
Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 748 GGTCCCGGGTCCC 761
Db 2 GGTCCCGGGTCCC 15

RESULT 321
US-09-064-156A-73/c
; Sequence 73, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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;
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/064,156A
; FILING DATE: April 21, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/774,306
; FILING DATE: December 26, 1996
; APPLICATION NUMBER: 08/182,968
; FILING DATE: January 13, 1994
; APPLICATION NUMBER: 07/882,888
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 234/083
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-064-156A-73
Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 551 CCTCCCGAGCGAGC 564
Db 15 CCGCCCGAGCGAGC 2

RESULT 322
US-09-064-156A-403
; Sequence 403, Application US/09064156A
; Patent No. 6132966
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth G.
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING HEPATITIS C
; TITLE OF INVENTION: VIRUS REPLICATION
; NUMBER OF SEQUENCES: 498
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

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Mon Mar 8 14:22:25 2004

; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/064,156A
 ; FILING DATE: April 21, 1998
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/774,306
 ; FILING DATE: December 26, 1996
 ; APPLICATION NUMBER: 08/182,968
 ; FILING DATE: January 13, 1994
 ; APPLICATION NUMBER: 07/882,888
 ; FILING DATE: May 14, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 234/083
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 403:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-064-156A-403

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 57.1%; Pred. No. 1.5e+02;
 Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 531 CAACATCCTCTGCT 544
 DB 2 CGACAUCGUCUCU 15

RESULT 323
 US-09-071-845-68
 ; Sequence 68, Application US/09071845
 ; Patent No. 6132967
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; RELATED TO LEVELS OF
 ; INTRACELLULAR ADHESION
 ; MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; SUITE: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/071,845
 ; FILING DATE:
 ; CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/292,620
 ; FILING DATE: August 17, 1994
 ; APPLICATION NUMBER: 08/008,895
 ; FILING DATE: January 19, 1993
 ; APPLICATION NUMBER: 07/989,849
 ; FILING DATE: December 7, 1992
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard J.
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 208/149
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 68:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-071-845-68

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 50.0%; Pred. No. 1.5e+02;
 Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 578 AGACTTTTGTCTG 591
 DB 2 AGACCUUGUCUG 15

RESULT 324
 US-09-071-845-68
 ; Sequence 69, Application US/09071845
 ; Patent No. 6132967
 ; GENERAL INFORMATION:
 ; APPLICANT: Susan Grimm
 ; APPLICANT: Dan T. Stinchcomb
 ; APPLICANT: James McSwiggen
 ; APPLICANT: Sean Sullivan
 ; APPLICANT: Kenneth G. Draper
 ; TITLE OF INVENTION: RIBOZYME TREATMENT OF
 ; DISEASES OR CONDITIONS
 ; RELATED TO LEVELS OF
 ; INTRACELLULAR ADHESION
 ; MOLECULE-1 (I-CAM-1)
 ; NUMBER OF SEQUENCES: 2390
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Lyon & Lyon
 ; STREET: 633 West Fifth Street
 ; SUITE: Suite 4700
 ; CITY: Los Angeles
 ; STATE: California
 ; COUNTRY: U.S.A.
 ; ZIP: 90071-2066
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 ; MEDIUM TYPE: storage
 ; COMPUTER: IBM Compatible
 ; OPERATING SYSTEM: IBM P.C. DOS 5.0
 ; SOFTWARE: Word Perfect 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/071,845
 ; FILING DATE:
 ; CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/292,620
 FILING DATE: August 17, 1994
 APPLICATION NUMBER: 08/008,895
 FILING DATE: January 19, 1993
 APPLICATION NUMBER: 07/989,849
 FILING DATE: December 7, 1992

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```

; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-69

Query Match          2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 578 AGACTTTTCTGTT 591
DB 1 AGACCUUGUCUG 14

RESULT 325
US-09-071-845-308
; Sequence 308, Application US/09071845
; Patent No. 6132967
; GENERAL INFORMATION:
; APPLICANT: Susan Grimm
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James McSwiggen
; APPLICANT: Sean Sullivan
; APPLICANT: Kenneth G. Draper
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; TITLE OF INVENTION: DISEASES OR CONDITIONS
; TITLE OF INVENTION: RELATED TO LEVELS OF
; TITLE OF INVENTION: INTRACELLULAR ADHESION
; TITLE OF INVENTION: MOLECULE-1 (I-CAM-1)
; NUMBER OF SEQUENCES: 2390
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/071,845
; FILING DATE:
; CLASSIFICATION:
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/08/292,620
; FILING DATE: August 17, 1994
; APPLICATION NUMBER: 08/008,895
; FILING DATE: January 19, 1993
; APPLICATION NUMBER: 07/989,849
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/149
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440

```

```

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 308:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-071-845-308

Query Match          2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 28.6%; Pred. No. 1.5e+02;
Matches 4; Conservative 8; Mismatches 2; Indels 0; Gaps 0;

QY 581 CTTTGTCTGTTT 594
DB 1 CUCUUGUCUGUU 14

RESULT 326
US-09-249-215-64/c
; Sequence 64, Application US/09249215
; Patent No. 6159692
; GENERAL INFORMATION:
; APPLICANT: Kenneth G. Draper
; APPLICANT: Bharat Chowrira
; APPLICANT: James McSwiggen
; APPLICANT: Dan T. Stinchcomb
; APPLICANT: James D. Thompson
; TITLE OF INVENTION: METHOD AND REAGENT FOR INHIBITING
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; REPLICATION
; NUMBER OF SEQUENCES: 232
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/249,215
; FILING DATE: 12-Feb-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/910,408
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/103,243
; FILING DATE: August 6, 1993
; APPLICATION NUMBER: 07/882,886
; FILING DATE: May 14, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 206/116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 64:
; US-09-249-215-64

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Mon Mar 8 14:22:25 2004

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 567 CTCCTGACCAAGA 580

Db 15 CTCCTGACCCAGA 2

RESULT 327

US-09-038-073-171
; Sequence 171, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwigen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 171:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-171

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 1.5e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 520 CAATCTTCCCAA 533

Db 1 CAACAGUUCCAA 14

RESULT 328

US-09-038-073-196

; Sequence 196, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwigen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSEQ Version 1.5

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/038,073

; FILING DATE:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/585,684

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Warburg, Richard

; REGISTRATION NUMBER: 32,327

; REFERENCE/DOCKET NUMBER: 218/078

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 196:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

US-09-038-073-196

Query Match 2.7%; Score 10.8; DB 1; Length 15;

Best Local Similarity 57.1%; Pred. No. 1.5e+02;

Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 870 GAACACTTCTCGA 883

Db 2 GAGCAUUUCCUGA 15

RESULT 329

US-09-038-073-197

; Sequence 197, Application US/09038073

; Patent No. 6194150

; GENERAL INFORMATION:

; APPLICANT: Stinchcomb, Daniel T.

; APPLICANT: Jarvis, Thale

; APPLICANT: McSwigen, James

; TITLE OF INVENTION: METHOD AND REAGENT FOR THE

; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE

; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

; NUMBER OF SEQUENCES: 2751

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; MEDIUM TYPE: storage

Mon Mar 8 14:22:25 2004

COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 197:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-197

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 1.5e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 870 GAACTTCTCTGA 883
||| :|||:
DB 1 GAGCAUUUCCUGA 14

RESULT 330
US-09-038-073-650
Sequence 650, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440

TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 650:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-650

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 590 TGTTCCTACAC 603
: : : : :
DB 2 UCUUUUUCAC 15

RESULT 331
US-09-038-073-651
Sequence 651, Application US/09038073
Patent No. 6194150
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, James
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
INDUCTION OF GRAFT TOLERANCE
TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/038,073
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/585,684
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 218/078
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 651:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-038-073-651

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 590 TGTTCCTACAC 603
: : : : :
DB 2 UCUUUUUCAC 15

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RESULT 332
US-09-038-073-652
; Sequence 652, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 652:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-652

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 35.7%; Pred. No. 1.5e+02;
Matches 5; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 590 TGTGTTTCTACAC 603
Db 2 UCUCUUUCUACUC 15

RESULT 333
US-09-038-073-653
; Sequence 653, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon

```

```

; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585,684
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/078
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 653:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-038-073-653

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 1.5e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 592 TTTTCTACACAC 605
Db 1 UUUUCUACUC 14

RESULT 334
US-09-038-073-1225
; Sequence 1225, Application US/09038073
; Patent No. 6194150
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,073
; FILING DATE:
; PRIOR APPLICATION DATA:

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Mon Mar 8 14:22:25 2004

; APPLICATION NUMBER: 08/585,684
 ; FILING DATE:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Warburg, Richard
 ; REGISTRATION NUMBER: 32,327
 ; REFERENCE/DOCKET NUMBER: 218/078
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (213) 489-1600
 ; TELEFAX: (213) 955-0440
 ; TELEX: 67-3510
 ; INFORMATION FOR SEQ ID NO: 1225:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 15 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; US-09-038-073-1225

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 57.1%; Pred. No. 1.5e+02;
 Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 836 TTCTTCTCTGAAGA 849
 Db 1 UGCUCCUCUGAAGA 14

RESULT 335
 US-08-918-148-42/c
 ; Sequence 42, Application US/08918148A
 ; Patent No. 6342220
 ; GENERAL INFORMATION:
 ; APPLICANT: Adams, Camellia
 ; APPLICANT: W.
 ; APPLICANT: Carter, Paul J.
 ; APPLICANT: Fendly, Brian M.
 ; APPLICANT: Gurney, Austin L.
 ; TITLE OF INVENTION: Agonist Antibodies
 ; FILE REFERENCE: P0979
 ; CURRENT APPLICATION NUMBER: US/08/918,148A
 ; CURRENT FILING DATE: 1997-08-25
 ; NUMBER OF SEQ ID NOS: 79
 ; SEQ ID NO 42
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: artificial
 ; FEATURE:
 ; NAME/KEY: 12E10scfv VH CDR1
 ; LOCATION: 1-15
 ; OTHER INFORMATION:
 ; US-08-918-148-42

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 GTCACGTTGGAAAC 873
 Db 15 GTCACGTTAGTAAC 2

RESULT 336
 US-09-230-652-59
 ; Sequence 59, Application US/09230652A
 ; Patent No. 653775
 ; GENERAL INFORMATION:
 ; APPLICANT: Tournier-Lasserre, Elisabeth
 ; APPLICANT: Joutel, Anne
 ; APPLICANT: Bousser, Marie-Germaine
 ; APPLICANT: Bach, Jean-Francois
 ; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
 ; TITLE OF INVENTION: THERAPEUTIC APPLICATION
 ; FILE REFERENCE: 03715.0048-00000

; CURRENT APPLICATION NUMBER: US/09/230,652A
 ; CURRENT FILING DATE: 1999-05-17
 ; EARLIER APPLICATION NUMBER: FR 96 09733
 ; EARLIER FILING DATE: 1996-08-01
 ; EARLIER APPLICATION NUMBER: FR 97 04680
 ; EARLIER FILING DATE: 1997-04-16
 ; EARLIER APPLICATION NUMBER: PCT/FR97/01433
 ; EARLIER FILING DATE: 1997-07-31
 ; NUMBER OF SEQ ID NOS: 163
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 59
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: primer
 ; US-09-230-652-59

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 713 CCCAGCAGAGTGAC 726
 Db 2 CCCAGGTCAGTGAC 15

RESULT 337
 US-09-811-286-13/c
 ; Sequence 13, Application US/09811286
 ; Patent No. 6586183
 ; GENERAL INFORMATION:
 ; APPLICANT: Drysdale, Connie M
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Liggett, Stephen B
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stack, Catherine B.
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: Association of beta2-adrenergic receptor haplotypes
 ; TITLE OF INVENTION: with drug response
 ; FILE REFERENCE: MMH-0303US1
 ; CURRENT APPLICATION NUMBER: US/09/811,286
 ; CURRENT FILING DATE: 2001-03-16
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 13
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-811-286-13

Query Match 2.7%; Score 10.8; DB 1; Length 15;
 Best Local Similarity 85.7%; Pred. No. 1.5e+02;
 Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGGCCTCCACTTCT 776
 Db 14 AGGCACCACTGTCT 1

RESULT 338
 US-09-811-286-14/c
 ; Sequence 14, Application US/09811286
 ; Patent No. 6586183
 ; GENERAL INFORMATION:
 ; APPLICANT: Drysdale, Connie M
 ; APPLICANT: Judson, Richard S
 ; APPLICANT: Liggett, Stephen B
 ; APPLICANT: Nandabalan, Krishnan
 ; APPLICANT: Stack, Catherine B.
 ; APPLICANT: Stephens, J. Claiborne
 ; TITLE OF INVENTION: Association of beta2-adrenergic receptor haplotypes
 ; TITLE OF INVENTION: with drug response

schultz149-3.rni

Mon Mar 8 14:22:25 2004

Search completed: March 8, 2004, 14:09:17
Job time : 3 secs

FILE REFERENCE: MWH-0303US1
CURRENT APPLICATION NUMBER: US/09/811,286
CURRENT FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 14
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
US-09-811-286-14

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 698 TACCTCCAGCGAG 711
Db 14 TGCCCTCCAGGGAG 1

RESULT 339
PCT-US92-02854-13
Sequence 13, Application PC/TUS9202854
GENERAL INFORMATION:
APPLICANT: Gewirtz, Alan M.
APPLICANT: Calabretta, Bruno
TITLE OF INVENTION: Antisense Oligonucleotides to
TITLE OF INVENTION: c-kit Proto-Oncogene and Uses Thereof
NUMBER OF SEQUENCES: 18
CORRESPONDENCE ADDRESS:
ADDRESSEE: Temple University - Of The Commonwealth
ADDRESSEE: System of Higher Education
STREET: 406 University Services Building
CITY: Philadelphia
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19122
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 720 Kb
COMPUTER: IBM PS/2
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US92/02854
FILING DATE: 19920409
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/682,812
FILING DATE: April 9, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Monaco, Daniel A.
REGISTRATION NUMBER: 30,480
REFERENCE/DOCKET NUMBER: 6056-129 PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-8383
TELEFAX: (215) 568-5549
TELEX: None
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 Nucleotides
TYPE: NUCLEIC ACID
STRANDEDNESS: single stranded
TOPOLOGY: linear
PCT-US92-02854-13

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 1.5e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 559 GCGAGCTCTCCCA 572
Db 1 GCGAGCGCTCTCA 14

GenCore version 5.1.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:13:35 ; Search time 1 Seconds
 (without alignments)
 5.170 Million cell updates/sec

Title: us-10-016-149-3
 Perfect score: 398
 Sequence: 1 acaaccacagctacaatac.....gatgcacttacttcagct 398

Scoring table: IDENTITY_NUC
 Gapop 10.0 , Gapext 0.5

Searched: 373 seqs, 6495 residues

Total number of hits satisfying chosen parameters: 746

Minimum DB seq length: 8
 Maximum DB seq length: 50

Post-processing: Minimum Match 0%
 Maximum Match 100%
 Listing first 373 summaries

Database : rnppb.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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C 4	20	5.0	20	1	US-10-016-149-51
C 5	20	5.0	20	1	US-10-016-149-52
C 6	20	5.0	20	1	US-10-016-149-53
C 7	20	5.0	20	1	US-10-016-149-54
C 8	20	5.0	20	1	US-10-016-149-55
C 9	20	5.0	20	1	US-10-016-149-56
C 10	20	5.0	20	1	US-10-016-149-57
C 11	20	5.0	20	1	US-10-016-149-58
C 12	20	5.0	20	1	US-10-016-149-59
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C 19	20	5.0	20	1	US-10-016-149-66
C 20	20	5.0	20	1	US-10-016-149-67
C 21	20	5.0	20	1	US-10-016-149-68
C 22	20	5.0	20	1	US-10-016-149-69
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C 29	20	5.0	20	1	US-10-016-149-76
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C 35	17.6	4.4	25	1	US-10-098-263B-83917
C 36	15.8	4.0	22	1	US-10-032-585-4849
C 37	15.4	3.9	17	1	US-10-061-201-1116
C 38	15.4	3.9	19	1	US-09-179-536B-102
C 39	15.4	3.9	19	1	US-09-297-576A-102
C 40	15.4	3.9	19	1	US-10-349-143-6172
C 41	15.4	3.9	20	1	US-10-289-762-5931
C 42	15.4	3.9	21	1	US-09-765-081-363
C 43	15.4	3.9	21	1	US-09-957-641-11
C 44	15.2	3.8	20	1	US-10-144-577-18
C 45	15.2	3.8	20	1	US-10-144-577-20
C 46	15.2	3.8	20	1	US-10-144-577-46
C 47	15.2	3.8	20	1	US-10-190-312A-167
C 48	15.2	3.8	20	1	US-10-262-445-85
C 49	15.2	3.8	21	1	US-10-455-552-47
C 50	14.8	3.7	19	1	US-10-251-117-188
C 51	14.8	3.7	19	1	US-10-251-117-247
C 52	14.8	3.7	19	1	US-10-251-117-437
C 53	14.8	3.7	19	1	US-10-251-117-496
C 54	14.8	3.7	19	1	US-10-251-117-673
C 55	14.8	3.7	19	1	US-10-251-117-980
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C 57	14.8	3.7	20	1	US-10-211-884-214
C 58	14.8	3.7	20	1	US-10-371-099-35
C 59	14.8	3.7	20	1	US-10-371-122-35
C 60	14.8	3.7	21	1	US-10-349-143-4342
C 61	14.4	3.6	17	1	US-10-061-201-1115
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C 63	14.4	3.6	20	1	US-09-749-728B-58
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C 67	14.2	3.6	19	1	US-10-206-705-150
C 68	14.2	3.6	19	1	US-10-206-705-335
C 69	14.2	3.6	20	1	US-09-759-287A-2
C 70	14.2	3.6	20	1	US-10-176-277-15
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C 72	13.8	3.5	17	1	US-09-866-108-911
C 73	13.8	3.5	17	1	US-09-827-998-618
C 74	13.8	3.5	17	1	US-09-827-998-619
C 75	13.8	3.5	17	1	US-09-825-805-558
C 76	13.8	3.5	17	1	US-09-877-478-733
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C 84	13.8	3.5	18	1	US-09-864-636A-1687
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C 104	13.4	3.4	17	1	Sequence 83917, A
C 105	13.4	3.4	17	1	Sequence 4849, Ap
C 106	13.4	3.4	17	1	Sequence 1116, Ap
C 107	13.4	3.4	17	1	Sequence 102, App
C 108	13.4	3.4	17	1	Sequence 116, Ap
C 109	13.4	3.4	17	1	Sequence 102, App
C 110	13.4	3.4	17	1	Sequence 6172, Ap
C 111	13.4	3.4	17	1	Sequence 5931, Ap
C 112	13.4	3.4	17	1	Sequence 363, App
C 113	13.4	3.4	17	1	Sequence 11, Appl
C 114	13.4	3.4	17	1	Sequence 18, Appl
C 115	13.4	3.4	17	1	Sequence 20, Appl
C 116	13.4	3.4	17	1	Sequence 46, Appl
C 117	13.4	3.4	17	1	Sequence 167, App
C 118	13.4	3.4	17	1	Sequence 85, Appl
C 119	13.4	3.4	17	1	Sequence 178, App
C 120	13.4	3.4	17	1	Sequence 247, App
C 121	13.4	3.4	17	1	Sequence 437, App
C 122	13.4	3.4	17	1	Sequence 496, App
C 123	13.4	3.4	17	1	Sequence 673, App
C 124	13.4	3.4	17	1	Sequence 980, App
C 125	13.4	3.4	17	1	Sequence 214, App
C 126	13.4	3.4	17	1	Sequence 214, App
C 127	13.4	3.4	17	1	Sequence 35, Appl
C 128	13.4	3.4	17	1	Sequence 35, Appl
C 129	13.4	3.4	17	1	Sequence 4342, Ap
C 130	13.4	3.4	17	1	Sequence 1115, Ap
C 131	13.4	3.4	17	1	Sequence 1117, Ap
C 132	13.4	3.4	17	1	Sequence 58, Appl
C 133	13.4	3.4	17	1	Sequence 446, App
C 134	13.4	3.4	17	1	Sequence 6, Appli
C 135	13.4	3.4	17	1	Sequence 376, App
C 136	13.4	3.4	17	1	Sequence 150, App
C 137	13.4	3.4	17	1	Sequence 335, App
C 138	13.4	3.4	17	1	Sequence 2, Appli
C 139	13.4	3.4	17	1	Sequence 15, Appl
C 140	13.4	3.4	17	1	Sequence 52, Appl
C 141	13.4	3.4	17	1	Sequence 911, App
C 142	13.4	3.4	17	1	Sequence 618, App
C 143	13.4	3.4	17	1	Sequence 619, App
C 144	13.4	3.4	17	1	Sequence 558, App
C 145	13.4	3.4	17	1	Sequence 733, App
C 146	13.4	3.4	17	1	Sequence 1579, Ap
C 147	13.4	3.4	17	1	Sequence 3386, Ap
C 148	13.4	3.4	17	1	Sequence 3387, Ap
C 149	13.4	3.4	17	1	Sequence 3388, Ap
C 150	13.4	3.4	17	1	Sequence 985, App
C 151	13.4	3.4	17	1	Sequence 1301, Ap
C 152	13.4	3.4	17	1	Sequence 693, App
C 153	13.4	3.4	17	1	Sequence 1687, Ap
C 154	13.4	3.4	17	1	Sequence 1694, Ap
C 155	13.4	3.4	17	1	Sequence 1694, Ap
C 156	13.4	3.4	17	1	Sequence 1684, Ap
C 157	13.4	3.4	17	1	Sequence 1684, Ap
C 158	13.4	3.4	17	1	Sequence 18, Appl
C 159	13.4	3.4	17	1	Sequence 1684, Ap
C 160	13.4	3.4	17	1	Sequence 2137, Ap
C 161	13.4	3.4	17	1	Sequence 2138, Ap
C 162	13.4	3.4	17	1	Sequence 2139, Ap
C 163	13.4	3.4	17	1	Sequence 787, App
C 164	13.4	3.4	17	1	Sequence 788, App
C 165	13.4	3.4	17	1	Sequence 1328, Ap
C 166	13.4	3.4	17	1	Sequence 1329, Ap
C 167	13.4	3.4	17	1	Sequence 1062, Ap
C 168	13.4	3.4	17	1	Sequence 461, App
C 169	13.4	3.4	17	1	Sequence 744, App
C 170	13.4	3.4	17	1	Sequence 1114, App

107	13.4	3.4	17	1	US-10-061-201-1118	Sequence 1118, Ap	C 180	12.4	3.1	16	1	US-09-955-410-33	Sequence 33, Appl
108	13.4	3.4	17	1	US-10-338-777-363	Sequence 363, App	C 181	12.4	3.1	16	1	US-10-154-890-33	Sequence 33, Appl
109	13.4	3.4	17	1	US-10-209-787-787	Sequence 787, App	C 182	12.4	3.1	17	1	US-09-866-108-2136	Sequence 2136, Ap
110	13.4	3.4	17	1	US-10-338-787-788	Sequence 788, App	C 183	12.4	3.1	17	1	US-09-866-108-2140	Sequence 2140, Ap
111	13.4	3.4	17	1	US-10-261-185-787	Sequence 787, App	C 184	12.4	3.1	17	1	US-09-969-373-2212	Sequence 2212, Ap
112	13.4	3.4	17	1	US-10-261-185-788	Sequence 788, App	C 185	12.4	3.1	17	1	US-09-864-785-637	Sequence 637, App
113	13.4	3.4	17	1	US-10-067-125-85	Sequence 85, Appl	C 186	12.4	3.1	17	1	US-09-864-785-1679	Sequence 1679, Ap
114	13.4	3.4	18	1	US-10-349-143-8403	Sequence 8403, Ap	C 187	12.4	3.1	17	1	US-09-864-785-1680	Sequence 1680, Ap
115	13.4	3.4	19	1	US-10-444-925-320	Sequence 320, App	C 188	12.4	3.1	17	1	US-09-848-754A-1327	Sequence 1327, Ap
116	13.4	3.4	19	1	US-10-444-925-321	Sequence 321, App	C 189	12.4	3.1	17	1	US-09-776-474-1061	Sequence 1061, Ap
117	13.2	3.3	18	1	US-09-784-423-56	Sequence 56, Appl	C 190	12.4	3.1	17	1	US-09-930-423-705	Sequence 705, App
118	13.2	3.3	18	1	US-09-878-582-33	Sequence 33, Appl	C 191	12.4	3.1	17	1	US-09-930-423-1400	Sequence 1400, Ap
119	13.2	3.3	18	1	US-09-789-919-77	Sequence 77, Appl	C 192	12.4	3.1	17	1	US-09-780-164-436	Sequence 436, App
120	13.2	3.3	18	1	US-10-367-438-105	Sequence 105, App	C 193	12.4	3.1	17	1	US-09-780-164-994	Sequence 994, App
121	13.2	3.3	18	1	US-10-388-263-853	Sequence 853, App	C 194	12.4	3.1	17	1	US-09-864-636A-2105	Sequence 2105, Ap
122	13.2	3.3	18	1	US-10-336-213B-33	Sequence 33, App	C 195	12.4	3.1	17	1	US-09-827-395A-462	Sequence 462, App
123	13.2	3.3	18	1	US-10-349-143-4808	Sequence 4808, Ap	C 196	12.4	3.1	17	1	US-09-827-395A-462	Sequence 462, App
124	13.2	3.3	18	1	US-10-349-143-5193	Sequence 5193, Ap	C 197	12.4	3.1	17	1	US-09-745-237A-705	Sequence 705, App
125	13.2	3.3	18	1	US-10-349-143-5365	Sequence 5365, Ap	C 198	12.4	3.1	17	1	US-09-745-237A-1400	Sequence 1400, Ap
126	13	3.3	18	1	US-10-178-325-83	Sequence 83, Appl	C 199	12.4	3.1	17	1	US-09-864-426A-2105	Sequence 2105, Ap
127	12.8	3.2	17	1	US-09-866-108-227	Sequence 227, App	C 200	12.4	3.1	17	1	US-10-213-948-40	Sequence 40, Appl
128	12.8	3.2	17	1	US-09-866-108-228	Sequence 228, App	C 201	12.4	3.1	17	1	US-10-238-700-3594	Sequence 3594, Ap
129	12.8	3.2	17	1	US-09-866-108-910	Sequence 910, App	C 202	12.4	3.1	17	1	US-10-061-201-1113	Sequence 1113, Ap
130	12.8	3.2	17	1	US-09-866-108-912	Sequence 912, App	C 203	12.4	3.1	17	1	US-10-061-201-1119	Sequence 1119, Ap
131	12.8	3.2	17	1	US-09-866-108-938	Sequence 938, App	C 204	12.4	3.1	17	1	US-10-084-839-2105	Sequence 2105, Ap
132	12.8	3.2	17	1	US-09-866-108-939	Sequence 939, App	C 205	12.4	3.1	17	1	US-10-268-611-36	Sequence 36, Appl
133	12.8	3.2	17	1	US-09-866-108-6096	Sequence 6096, Ap	C 206	12.4	3.1	17	1	US-10-297-068-1136	Sequence 1136, Ap
134	12.8	3.2	17	1	US-09-866-108-6097	Sequence 6097, Ap	C 207	12.4	3.1	17	1	US-10-307-005-763	Sequence 763, App
135	12.8	3.2	17	1	US-09-866-108-9213	Sequence 9213, Ap	C 208	12.4	3.1	17	1	US-10-307-005-764	Sequence 764, App
136	12.8	3.2	17	1	US-09-866-108-9214	Sequence 9214, Ap	C 209	12.2	3.1	17	1	US-09-426-548-104	Sequence 104, App
137	12.8	3.2	17	1	US-09-827-998-615	Sequence 615, App	C 210	12.2	3.1	17	1	US-09-866-108-226	Sequence 226, App
138	12.8	3.2	17	1	US-09-827-998-616	Sequence 616, App	C 211	12.2	3.1	17	1	US-09-866-108-229	Sequence 229, App
139	12.8	3.2	17	1	US-09-827-998-617	Sequence 617, App	C 212	12.2	3.1	17	1	US-09-866-108-549	Sequence 549, App
140	12.8	3.2	17	1	US-09-827-998-620	Sequence 620, App	C 213	12.2	3.1	17	1	US-09-866-108-661	Sequence 661, App
141	12.8	3.2	17	1	US-09-827-998-621	Sequence 621, App	C 214	12.2	3.1	17	1	US-09-866-108-662	Sequence 662, App
142	12.8	3.2	17	1	US-09-848-754A-721	Sequence 721, App	C 215	12.2	3.1	17	1	US-09-866-108-940	Sequence 940, App
143	12.8	3.2	17	1	US-09-848-754A-722	Sequence 722, App	C 216	12.2	3.1	17	1	US-09-866-108-5880	Sequence 5880, Ap
144	12.8	3.2	17	1	US-09-848-754A-3389	Sequence 3389, Ap	C 217	12.2	3.1	17	1	US-09-866-108-6048	Sequence 6048, Ap
145	12.8	3.2	17	1	US-09-776-474-812	Sequence 812, App	C 218	12.2	3.1	17	1	US-09-866-108-6049	Sequence 6049, Ap
146	12.8	3.2	17	1	US-09-780-164-628	Sequence 628, App	C 219	12.2	3.1	17	1	US-09-866-108-6101	Sequence 6101, Ap
147	12.8	3.2	17	1	US-09-780-164-859	Sequence 859, App	C 220	12.2	3.1	17	1	US-09-866-108-7390	Sequence 7390, Ap
148	12.8	3.2	17	1	US-09-780-164-995	Sequence 995, App	C 221	12.2	3.1	17	1	US-09-866-108-7391	Sequence 7391, Ap
149	12.8	3.2	17	1	US-09-780-164-996	Sequence 996, App	C 222	12.2	3.1	17	1	US-09-866-108-7392	Sequence 7392, Ap
150	12.8	3.2	17	1	US-09-827-395A-408	Sequence 408, App	C 223	12.2	3.1	17	1	US-09-866-108-7393	Sequence 7393, Ap
151	12.8	3.2	17	1	US-09-740-332-1119	Sequence 1119, Ap	C 224	12.2	3.1	17	1	US-09-866-108-7654	Sequence 7654, Ap
152	12.8	3.2	17	1	US-09-740-332-4350	Sequence 4350, Ap	C 225	12.2	3.1	17	1	US-09-866-108-7655	Sequence 7655, Ap
153	12.8	3.2	17	1	US-09-817-879-1119	Sequence 1119, Ap	C 226	12.2	3.1	17	1	US-09-866-108-7656	Sequence 7656, Ap
154	12.8	3.2	17	1	US-09-817-879-4350	Sequence 4350, Ap	C 227	12.2	3.1	17	1	US-09-866-108-8854	Sequence 8854, Ap
155	12.8	3.2	17	1	US-10-211-059-153	Sequence 153, App	C 228	12.2	3.1	17	1	US-09-866-108-8901	Sequence 8901, Ap
156	12.8	3.2	17	1	US-10-211-059-154	Sequence 154, App	C 229	12.2	3.1	17	1	US-09-866-108-8904	Sequence 8904, Ap
157	12.8	3.2	17	1	US-10-156-306-1302	Sequence 1302, Ap	C 230	12.2	3.1	17	1	US-09-866-108-8908	Sequence 8908, Ap
158	12.8	3.2	17	1	US-10-061-201-715	Sequence 715, App	C 231	12.2	3.1	17	1	US-09-866-108-8909	Sequence 8909, Ap
159	12.8	3.2	17	1	US-10-061-201-716	Sequence 716, App	C 232	12.2	3.1	17	1	US-09-866-108-9215	Sequence 9215, Ap
160	12.8	3.2	17	1	US-10-061-201-777	Sequence 777, App	C 233	12.2	3.1	17	1	US-09-866-108-9563	Sequence 9563, Ap
161	12.8	3.2	17	1	US-10-061-201-778	Sequence 778, App	C 234	12.2	3.1	17	1	US-09-827-998-426	Sequence 426, App
162	12.8	3.2	18	1	US-09-864-636A-1690	Sequence 1690, Ap	C 235	12.2	3.1	17	1	US-09-827-998-427	Sequence 427, App
163	12.8	3.2	18	1	US-09-864-636A-2098	Sequence 2098, Ap	C 236	12.2	3.1	17	1	US-09-263-959-14	Sequence 14, Appl
164	12.8	3.2	18	1	US-09-864-636A-2316	Sequence 2316, Ap	C 237	12.2	3.1	17	1	US-09-864-785-260	Sequence 260, App
165	12.8	3.2	18	1	US-09-864-426A-1690	Sequence 1690, Ap	C 238	12.2	3.1	17	1	US-09-864-785-2112	Sequence 2112, Ap
166	12.8	3.2	18	1	US-09-864-426A-2098	Sequence 2098, Ap	C 239	12.2	3.1	17	1	US-09-825-805-470	Sequence 470, App
167	12.8	3.2	18	1	US-09-864-426A-2316	Sequence 2316, Ap	C 240	12.2	3.1	17	1	US-09-825-805-818	Sequence 818, App
168	12.8	3.2	18	1	US-10-005-956-1069	Sequence 1069, Ap	C 241	12.2	3.1	17	1	US-09-825-805-826	Sequence 826, App
169	12.8	3.2	18	1	US-10-244-367-25	Sequence 25, Appl	C 242	12.2	3.1	17	1	US-09-961-077-67	Sequence 67, Appl
170	12.8	3.2	18	1	US-10-084-839-1690	Sequence 1690, Ap	C 243	12.2	3.1	17	1	US-09-956-857-18	Sequence 18, Appl
171	12.8	3.2	18	1	US-10-084-839-2098	Sequence 2098, Ap	C 244	12.2	3.1	17	1	US-09-780-533A-237	Sequence 237, Appl
172	12.8	3.2	18	1	US-10-084-839-2316	Sequence 2316, Ap	C 245	12.2	3.1	17	1	US-09-877-478-50	Sequence 50, Appl
173	12.8	3.2	18	1	US-10-454-224-35	Sequence 35, Appl	C 246	12.2	3.1	17	1	US-09-877-478-106	Sequence 106, App
174	12.4	3.1	14	1	US-09-263-959-619	Sequence 619, App	C 247	12.2	3.1	17	1	US-09-877-478-1832	Sequence 1832, Ap
175	12.4	3.1	15	1	US-09-263-959-930	Sequence 930, App	C 248	12.2	3.1	17	1	US-09-877-478-1865	Sequence 1865, Ap
176	12.4	3.1	15	1	US-09-263-959-933	Sequence 933, Appl	C 249	12.2	3.1	17	1	US-09-877-478-2198	Sequence 2198, Ap
177	12.4	3.1	15	1	US-09-263-959-463	Sequence 463, App	C 250	12.2	3.1	17	1	US-09-877-478-2207	Sequence 2207, Ap
178	12.4	3.1	15	1	US-10-356-625-32	Sequence 32, Appl	C 251	12.2	3.1	17	1	US-09-848-754A-1338	Sequence 1338, Ap
179	12.4	3.1	15	1	US-10-603-642-23	Sequence 23, Appl	C 252	12.2	3.1	17	1	US-09-848-754A-1665	Sequence 1665, Ap

253	12.2	3.1	17	1	US-09-848-754A-1854	Sequence 1854, Ap	326	12	3.0	17	1	US-10-261-185-884	Sequence 884, App
254	12.2	3.1	17	1	US-09-848-754A-2643	Sequence 2643, Ap	327	11.8	3.0	15	1	US-09-504-231A-426	Sequence 426, App
255	12.2	3.1	17	1	US-09-848-754A-3335	Sequence 3335, Ap	328	11.8	3.0	15	1	US-09-504-231A-1272	Sequence 1272, Ap
256	12.2	3.1	17	1	US-09-848-754A-3336	Sequence 3336, Ap	329	11.8	3.0	15	1	US-09-274-553D-426	Sequence 426, App
257	12.2	3.1	17	1	US-09-776-474-1059	Sequence 1059, Ap	330	11.8	3.0	15	1	US-09-274-553D-1272	Sequence 1272, Ap
258	12.2	3.1	17	1	US-09-930-423-613	Sequence 613, App	331	11.8	3.0	15	1	US-09-805-296D-12	Sequence 12, Appl
259	12.2	3.1	17	1	US-09-930-423-614	Sequence 614, App	332	11.8	3.0	15	1	US-09-877-478-6029	Sequence 6029, Ap
260	12.2	3.1	17	1	US-09-930-423-833	Sequence 833, App	333	11.8	3.0	15	1	US-10-056-414-96	Sequence 96, Appl
261	12.2	3.1	17	1	US-09-930-423-1383	Sequence 1383, Ap	334	11.8	3.0	15	1	US-10-056-414-285	Sequence 285, App
262	12.2	3.1	17	1	US-09-780-164-629	Sequence 629, App	335	11.8	3.0	15	1	US-10-072-975-12	Sequence 12, Appl
263	12.2	3.1	17	1	US-09-780-164-832	Sequence 832, App	336	11.8	3.0	15	1	US-10-051-436-12	Sequence 12, Appl
264	12.2	3.1	17	1	US-09-740-332-1630	Sequence 1630, Ap	337	11.8	3.0	15	1	US-10-197-927-29	Sequence 29, Appl
265	12.2	3.1	17	1	US-09-740-332-3111	Sequence 3111, Ap	338	11.8	3.0	15	1	US-10-091-281-113	Sequence 113, App
266	12.2	3.1	17	1	US-09-740-332-3300	Sequence 3300, Ap	339	11.8	3.0	15	1	US-10-360-275-12	Sequence 12, Appl
267	12.2	3.1	17	1	US-09-740-332-3316	Sequence 3316, Ap	340	11.8	3.0	16	1	US-09-350-206-26	Sequence 26, Appl
268	12.2	3.1	17	1	US-09-745-237A-613	Sequence 613, App	341	11.8	3.0	16	1	US-09-263-959-470	Sequence 470, App
269	12.2	3.1	17	1	US-09-745-237A-614	Sequence 614, App	342	11.8	3.0	16	1	US-09-349-755-26	Sequence 26, Appl
270	12.2	3.1	17	1	US-09-745-237A-833	Sequence 833, App	343	11.8	3.0	16	1	US-09-166-334-26	Sequence 26, Appl
271	12.2	3.1	17	1	US-09-745-237A-1383	Sequence 1383, Ap	344	11.8	3.0	16	1	US-09-880-313A-77	Sequence 77, Appl
272	12.2	3.1	17	1	US-09-817-879-1630	Sequence 1630, Ap	345	11.8	3.0	16	1	US-10-283-958-26	Sequence 26, Appl
273	12.2	3.1	17	1	US-09-817-879-3111	Sequence 3111, Ap	346	11.8	3.0	16	1	US-10-191-997-23	Sequence 23, Appl
274	12.2	3.1	17	1	US-09-817-879-3300	Sequence 3300, Ap	347	11.4	2.9	13	1	US-09-263-959-572	Sequence 572, App
275	12.2	3.1	17	1	US-09-817-879-3316	Sequence 3316, Ap	348	11.4	2.9	13	1	US-09-848-754A-3251	Sequence 9251, Ap
276	12.2	3.1	17	1	US-09-982-835A-7	Sequence 7, Appl	349	11.4	2.9	15	1	US-09-504-231A-571	Sequence 571, App
277	12.2	3.1	17	1	US-10-297-134B-2	Sequence 2, Appl	350	11.4	2.9	15	1	US-09-174-553D-571	Sequence 571, App
278	12.2	3.1	17	1	US-10-060-756A-455	Sequence 455, App	351	11.4	2.9	15	1	US-09-274-553D-571	Sequence 571, App
279	12.2	3.1	17	1	US-10-163-553-415	Sequence 415, App	352	11.4	2.9	15	1	US-09-848-754A-9326	Sequence 9326, Ap
280	12.2	3.1	17	1	US-10-163-553-788	Sequence 788, App	353	11.4	2.9	15	1	US-09-297-576A-31	Sequence 31, Appl
281	12.2	3.1	17	1	US-10-163-552-805	Sequence 805, App	354	11.4	2.9	15	1	US-10-136-829-1	Sequence 1, Appl
282	12.2	3.1	17	1	US-10-163-552-817	Sequence 817, App	355	11.4	2.9	15	1	US-10-136-829-24	Sequence 24, Appl
283	12.2	3.1	17	1	US-10-163-552-843	Sequence 843, App	356	11.4	2.9	15	1	US-10-231-829B-18	Sequence 18, Appl
284	12.2	3.1	17	1	US-10-156-306-4978	Sequence 4978, Ap	357	11.4	2.9	15	1	US-10-044-674-54	Sequence 54, Appl
285	12.2	3.1	17	1	US-10-156-306-6952	Sequence 6952, Ap	358	11.4	2.9	15	1	US-10-328-194A-4	Sequence 4, Appl
286	12.2	3.1	17	1	US-10-339-782-128	Sequence 128, App	359	11.4	2.9	15	1	US-10-160-358-35	Sequence 35, Appl
287	12.2	3.1	17	1	US-10-339-782-401	Sequence 401, App	360	11.4	2.9	15	1	US-10-440-850-495	Sequence 495, App
288	12.2	3.1	17	1	US-10-061-201-45	Sequence 45, Appl	361	11.4	2.9	15	1	US-10-193-507-14	Sequence 14, Appl
289	12.2	3.1	17	1	US-10-061-201-714	Sequence 714, App	362	11.4	2.9	16	1	US-09-864-636A-2108	Sequence 2108, Ap
290	12.2	3.1	17	1	US-10-061-201-717	Sequence 717, App	363	11.4	2.9	16	1	US-09-864-426A-2108	Sequence 2108, Ap
291	12.2	3.1	17	1	US-10-061-201-1027	Sequence 1027, Ap	364	11.4	2.9	16	1	US-10-087-082-5	Sequence 5, Appl
292	12.2	3.1	17	1	US-10-061-201-1112	Sequence 1112, Ap	365	11.4	2.9	16	1	US-10-084-839-2108	Sequence 2108, Ap
293	12.2	3.1	17	1	US-10-061-201-1371	Sequence 1371, Ap	366	11.2	2.8	16	1	US-09-733-692A-28	Sequence 28, Appl
294	12.2	3.1	17	1	US-10-061-201-1887	Sequence 1887, Ap	367	11.2	2.8	16	1	US-09-093-972C-407	Sequence 407, App
295	12.2	3.1	17	1	US-10-061-201-1888	Sequence 1888, Ap	368	11.2	2.8	16	1	US-09-507-362-85	Sequence 85, Appl
296	12.2	3.1	17	1	US-10-061-201-1925	Sequence 1925, Ap	369	11.2	2.8	16	1	US-10-108-164-83	Sequence 83, Appl
297	12.2	3.1	17	1	US-10-327-621-2	Sequence 2, Appl	370	11.2	2.8	16	1	US-10-164-915-2	Sequence 2, Appl
298	12.2	3.1	17	1	US-10-339-793-364	Sequence 364, App	371	11.2	2.8	16	1	US-10-164-915-3	Sequence 3, Appl
299	12.2	3.1	17	1	US-10-084-833-3431	Sequence 3431, Ap	372	11.2	2.8	16	1	US-10-331-109-11	Sequence 11, Appl
300	12.2	3.1	17	1	US-10-230-006-1335	Sequence 1335, Ap	373	11.2	2.8	16	1	US-10-391-441-85	Sequence 85, Appl
301	12.2	3.1	17	1	US-10-230-006-2068	Sequence 2068, Ap							
302	12.2	3.1	17	1	US-10-297-068-603	Sequence 603, App							
303	12.2	3.1	17	1	US-10-297-068-855	Sequence 855, App							
304	12	3.0	15	1	US-09-504-231A-1053	Sequence 1053, Ap							
305	12	3.0	15	1	US-09-274-553D-1053	Sequence 1053, Ap							
306	12	3.0	17	1	US-09-866-108-2141	Sequence 2141, Ap							
307	12	3.0	17	1	US-09-866-108-2142	Sequence 2142, Ap							
308	12	3.0	17	1	US-09-864-785-531	Sequence 531, App							
309	12	3.0	17	1	US-09-864-785-532	Sequence 532, App							
310	12	3.0	17	1	US-09-818-875-883	Sequence 883, App							
311	12	3.0	17	1	US-09-818-875-884	Sequence 884, App							
312	12	3.0	17	1	US-09-848-754A-2396	Sequence 2396, Ap							
313	12	3.0	17	1	US-09-776-474-1060	Sequence 1060, Ap							
314	12	3.0	17	1	US-09-827-395A-84	Sequence 84, Appl							
315	12	3.0	17	1	US-09-827-395A-459	Sequence 459, App							
316	12	3.0	17	1	US-09-740-332-1249	Sequence 1249, Ap							
317	12	3.0	17	1	US-09-740-332-3306	Sequence 3306, Ap							
318	12	3.0	17	1	US-09-817-879-1249	Sequence 1249, Ap							
319	12	3.0	17	1	US-09-817-879-3306	Sequence 3306, Ap							
320	12	3.0	17	1	US-10-163-552-231	Sequence 231, App							
321	12	3.0	17	1	US-10-163-552-232	Sequence 232, App							
322	12	3.0	17	1	US-10-209-787-883	Sequence 883, App							
323	12	3.0	17	1	US-10-209-787-884	Sequence 884, App							
324	12	3.0	17	1	US-10-236-104-32	Sequence 32, Appl							
325	12	3.0	17	1	US-10-261-185-883	Sequence 883, App							

ALIGNMENTS

RESULT 1

US-10-016-149-48/c

; Sequence 48, Application US/10016149

; Publication No. US20030100524A1

; GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett

; APPLICANT: Jacqueline Wyatt

; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-

; FILE REFERENCE: RTS-0325

; CURRENT APPLICATION NUMBER: US/10/016,149

; CURRENT FILING DATE: 2001-11-01

; NUMBER OF SEQ ID NOS: 84

; SEQ ID NO 48

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-016-149-48

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Page 4

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Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 507 CAACCCAGTACCAACTACT 526
|||||
Db 20 CAACCCAGTACCAACTACT 1

RESULT 2
US-10-016-149-49/c
; Sequence 49, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-49

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 511 CCACAGTACCAACTACTTCC 530
|||||
Db 20 CCACAGTACCAACTACTTCC 1

RESULT 3
US-10-016-149-50/c
; Sequence 50, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-50

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 570 CCAGACCAAGACTTTTGTTTC 589
|||||
Db 20 CCAGACCAAGACTTTTGTTTC 1

RESULT 4
US-10-016-149-51/c
; Sequence 51, Application US/10016149

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; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-51

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 586 GTTCTGTTTTCTACACAC 605
|||||
Db 20 GTTCTGTTTTCTACACAC 1

RESULT 5
US-10-016-149-52/c
; Sequence 52, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-52

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 594 TTTCTACACACAGAGTACT 613
|||||
Db 20 TTTCTACACACAGAGTACT 1

RESULT 6
US-10-016-149-53/c
; Sequence 53, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA

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```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-53

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 CAACACAGAGTACTGACTCT 619
Db 20 CAACACAGAGTACTGACTCT 1

RESULT 7
US-10-016-149-54/c
; Sequence 54, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-54

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 616 CTCGCTGCTGTTCTCGAGAG 635
Db 20 CTCGCTGCTGTTCTCGAGAG 1

RESULT 8
US-10-016-149-55/c
; Sequence 55, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-55

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 641 CCTAAGTCACAGACCTCAGT 660
Db 20 CCTAAGTCACAGACCTCAGT 1

RESULT 9
US-10-016-149-56/c
; Sequence 56, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-56

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 TCAGTCTTCTCGAAGCTTG 675
Db 20 TCAGTCTTCTCGAAGCTTG 1

RESULT 10
US-10-016-149-57/c
; Sequence 57, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-57

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 662 TTCTCGAAGCTTGCGGAC 681
Db 20 TTCTCGAAGCTTGCGGAC 1

RESULT 11
US-10-016-149-58/c
; Sequence 58, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
```

```
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-58

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 687 GGCCACACACGTACCTCCA 706
Db 20 GGCCACACACGTACCTCCA 1

RESULT 12
US-10-016-149-59/c
; Sequence 59, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-59

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 694 ACTGTACCTCCAGCGAGTC 713
Db 20 ACTGTACCTCCAGCGAGTC 1

RESULT 13
US-10-016-149-60/c
; Sequence 60, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-60

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 702 CTCGCGAGTCCCAGGAGA 721
Db 20 CTCGCGAGTCCCAGGAGA 1

RESULT 14
US-10-016-149-61/c
; Sequence 61, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-61

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 703 TCCAGCGAGTCCCAGGAG 722
Db 20 TCCAGCGAGTCCCAGGAG 1

RESULT 15
US-10-016-149-62/c
; Sequence 62, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-62

Query Match          5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 710 AGTCCCAGGAGTGACTCT 729
Db 20 AGTCCCAGGAGTGACTCT 1

RESULT 16
US-10-016-149-63/c
; Sequence 63, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
```

; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-63

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 728 CTGCTCATAGGACTTGGTAG 747
Db 20 CTGCTCATAGGACTTGGTAG 1

RESULT 17

US-10-016-149-64/c
; Sequence 64, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-64

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 731 GTCATAGGACTTGGTAGGT 750
Db 20 GTCATAGGACTTGGTAGGT 1

RESULT 18

US-10-016-149-65/c
; Sequence 65, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-65

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 753 CAGGTCCTTAGGCTCCAC 772
Db 20 CAGGTCCTTAGGCTCCAC 1

RESULT 19

US-10-016-149-66/c
; Sequence 66, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-66

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 758 TCCCTAGGCTCCACTTCTG 777
Db 20 TCCCTAGGCTCCACTTCTG 1

RESULT 20

US-10-016-149-67/c
; Sequence 67, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-67

Query Match 5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 763 AGGCTCCACTTCTGAGGC 782
Db 20 AGGCTCCACTTCTGAGGC 1

RESULT 21

US-10-016-149-68/c
; Sequence 68, Application US/10016149
; Publication No. US20030100524A1

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-68

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 786 CCTCTGGTGGCCAGAGCTC 805
Db 20 CCTCTGGTGGCCAGAGCTC 1

RESULT 22
US-10-016-149-69/c
; Sequence 69, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-69

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCTCTCTCC 811
Db 20 GGTGCCAAGAGCTCTCTCC 1

RESULT 23
US-10-016-149-70/c
; Sequence 70, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-70

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 804 TCTCTCCAACTCAGGGTTG 823
Db 20 TCTCTCCAACTCAGGGTTG 1

RESULT 24
US-10-016-149-71/c
; Sequence 71, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-71

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 808 CTCCTCACTCAGGGTTGGCTG 827
Db 20 CTCCTCACTCAGGGTTGGCTG 1

RESULT 25
US-10-016-149-72/c
; Sequence 72, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: DEPENDENT) EXPRESSION
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-72

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 834 TTTTCTTCTCTGAAGACGC 853
Db 20 TTTTCTTCTCTGAAGACGC 1
```

```
RESULT 26
US-10-016-149-73/c
; Sequence 73, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-73
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      837 TCTTCTCTGAAGACAGCGTC 856
Db      20 TCTTCTCTGAAGACAGCGTC 1

RESULT 27
US-10-016-149-74/c
; Sequence 74, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-74
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      854 GTCCTGCTCCAGTTGGAAC 873
Db      20 GTCCTGCTCCAGTTGGAAC 1

RESULT 28
US-10-016-149-75/c
; Sequence 75, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
```

```
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-75
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      861 CTCAGTTGGAACACTTTC 880
Db      20 CTCAGTTGGAACACTTTC 1

RESULT 29
US-10-016-149-76/c
; Sequence 76, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-76
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      865 AGTTGGAACACTTTCCTGAG 884
Db      20 AGTTGGAACACTTTCCTGAG 1

RESULT 30
US-10-016-149-77/c
; Sequence 77, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-77
Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      871 AACACTTTCCTGAGATGCAC 890
```

```
Db      20 AACACTTCTCGAGATGCAC 1
|||||
RESULT 31
US-10-016-149-78/c
; Sequence 78, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-78

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      878 TCTGAGATGCATTACTTC 897
      |||||||
Db      20 TCTGAGATGCATTACTTC 1

RESULT 32
US-10-016-149-79/c
; Sequence 79, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-79

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      880 CTGAGATGCATTACTTC 899
      |||||||
Db      20 CTGAGATGCATTACTTC 1

RESULT 33
US-10-016-149-80/c
; Sequence 80, Application US/10016149
; Publication No. US20030100524A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP V (CA2+-
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      884 GATGCACTTACTTCTCAGCT 903
      |||||||
Db      20 GATGCACTTACTTCTCAGCT 1
```

```
; FILE REFERENCE: RTS-0325
; CURRENT APPLICATION NUMBER: US/10/016,149
; CURRENT FILING DATE: 2001-11-01
; NUMBER OF SEQ ID NOS: 84
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-016-149-80

Query Match      5.0%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      884 GATGCACTTACTTCTCAGCT 903
      |||||||
Db      20 GATGCACTTACTTCTCAGCT 1

RESULT 34
US-10-098-263B-24812
; Sequence 24812, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 24812
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-24812

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      829 GTCTCTTTTCTTCTCTGAGACAG 852
      |||||||
Db      2 GTCTCTATTCTCTGAGACCG 25

RESULT 35
US-10-098-263B-83917
; Sequence 83917, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-83917

Query Match      4.4%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 1e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

QY 831 CTCCTTTCTCTCTGAGACAGCG 854
|||||
Db 1 CTCCTCTCTCTCAGAGACCTCG 24

RESULT 36
US-10-032-585-4849/c
; Sequence 4849, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4849
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4849

Query Match 4.0%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 1.3e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 821 TTGGCTGTGCTCTTTTCT 839
|||||
Db 22 TGGGCTGTGCTCTTTGCT 4

RESULT 37
US-10-061-201-1116
; Sequence 1116, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1116
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1116

Query Match 3.9%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 74;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGTC 760
|||||
Db 1 GTAGGTCCTCCAGGTC 17

RESULT 38
US-09-179-536B-102/c
; Sequence 102, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; David M. Lough
; Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20020042112A1-96

ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>

;
; ORIGINAL SOURCE:
; SEQUENCE DESCRIPTION: SEQ ID NO: 102:
US-09-179-536B-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 99;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 39

US-09-297-576A-102/c
; Sequence 102, Application US/09297576A
; Publication No. US20030129589A1

; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Heller Ehrman White & McCulliffe
STREET: 4250 Executive Square, 7th Floor
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/297,576A
FILING DATE: 07-Jun-2000

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

;
; TOPOLOGY: unknown
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
US-09-297-576A-102

Query Match 3.9%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 99;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
Db 19 CAGGGTCCCTAGGCCTC 3

RESULT 40

US-10-349-143-6172/c
; Sequence 6172, Application US/10349143
; Publication No. US20040005584A1

; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6172
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-9513 for SEQ 2238,

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

RESULT 41

US-10-289-762-5931/c
; Sequence 5931, Application US/10289762
; Publication No. US20040006218A1

; GENERAL INFORMATION:
; APPLICANT: Griffois, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, pre
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5931
; LENGTH: 20
; TYPE: DNA

CLASSIFICATION:

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20030129589A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20030129589A1-96

ATTORNEY/AGENT INFORMATION:

NAME: Seidman, Stephanie L.
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-450-8499
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

```

; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5931

Query Match      3.9%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 CTGTCATAGACACTGG 744
Db 17 CTGTCATAGACTTGG 1
|||||

RESULT 42
US-09-765-081-363/c
; Sequence 363, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargili, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 363
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-363

Query Match      3.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.3e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 658 AGTCTTCTCGAAGCTGG 676
Db 19 AGTCTTCTCGAAGCTGG 1
|||||

RESULT 43
US-09-957-641-11
; Sequence 11, Application US/09957641
; Publication No. US20020182670A1
; GENERAL INFORMATION:
; APPLICANT: Emory University
; TITLE OF INVENTION: MODIFIED FACTOR VIII
; FILE REFERENCE: 75-00
; CURRENT APPLICATION NUMBER: US/09/957,641
; CURRENT FILING DATE: 2001-09-16
; PRIOR APPLICATION NUMBER: US 60/234047
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: US 60/236460
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-957-641-11

Query Match      3.9%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 591 GTTTTCTACACACAG 607

```

FILE REFERENCE: MET-005
CURRENT APPLICATION NUMBER: US/10/144,577
CURRENT FILING DATE: 2002-05-13
PRIOR APPLICATION NUMBER: US 60/290,202
PRIOR FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/290,212
PRIOR FILING DATE: 2001-05-11
NUMBER OF SEQ ID NOS: 49
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 46
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
US-10-144-577-46

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 853 CGTCCTGGCTCCAGTTGGAA 872
|||||
Db 1 CGTCGTGGCTCCAGTTACAA 20

RESULT 47

US-10-190-312A-167/c
Sequence 167, Application US/10190312A
Publication No. US20030199468A1
GENERAL INFORMATION:

APPLICANT: Chromagenics B.V.
APPLICANT: Otte, Arie P.
TITLE OF INVENTION: DNA sequences comprising gene transcription regulatory qualities
TITLE OF INVENTION: methods for detecting and using such DNA sequences
FILE REFERENCE: 2183-4993.1

CURRENT APPLICATION NUMBER: US/10/190,312A
CURRENT FILING DATE: 2002-07-05
PRIOR APPLICATION NUMBER: 60/303,199
PRIOR FILING DATE: 2001-07-05
NUMBER OF SEQ ID NOS: 1079
SOFTWARE: PatentIn version 3.1
SEQ ID NO 167
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: oligonucleotide E21
US-10-190-312A-167

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 606 AGAGTACTGACTCTGCTGG 625
|||||
Db 20 AGAGTCCGAGTCTGCTGG 1

RESULT 48

US-10-262-445-85/c
Sequence 85, Application US/10262445
Publication No. US20040014058A1
GENERAL INFORMATION:

APPLICANT: Alsobrook II, John
APPLICANT: Burgess, Catherine
APPLICANT: Catterton, Elina
APPLICANT: Chant, John
APPLICANT: Chaudhuri, Amitabha
APPLICANT: Edinger, Shlomit
APPLICANT: Gerlach, Valerie
APPLICANT: Giot, Loic
APPLICANT: Gorman, Linda
APPLICANT: Guo, Xiaojia

APPLICANT: Kekuda, Ramesh
APPLICANT: Mezes, Peter
APPLICANT: Millet, Isabelle
APPLICANT: Ooi, Chean Eng
APPLICANT: Patturajan, Meera
APPLICANT: Rieger, Daniel
APPLICANT: Spytek, Kimberly
APPLICANT: Taupier Jr., Raymond J.
APPLICANT: Zerhusen, Bryan
APPLICANT: Zhong, Haihong
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
TITLE OF INVENTION: THE SAME
FILE REFERENCE: 21402-462D
CURRENT APPLICATION NUMBER: US/10/262,445
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: 60/327,454
PRIOR FILING DATE: 2001-10-05
PRIOR APPLICATION NUMBER: 60/327,917
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,029
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,056
PRIOR FILING DATE: 2001-10-09
PRIOR APPLICATION NUMBER: 60/328,849
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/329,414
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 60/330,142
PRIOR FILING DATE: 2001-10-17
PRIOR APPLICATION NUMBER: 60/341,058
PRIOR FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: 60/343,629
PRIOR FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 60/349,575
PRIOR FILING DATE: 2001-10-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 133
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-445-85

Query Match 3.8%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.2e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 612 CTGACTCTGCTGGTCTCG 631
|||||
Db 20 CAGACTCTGCTGGTTCATG 1

RESULT 49

US-10-455-552-47/c
Sequence 47, Application US/10455552
Publication No. US2004001853A1
GENERAL INFORMATION:

APPLICANT: Adam, Gail Isabel
APPLICANT: Langdown, Maria
APPLICANT: Roth, Richard
APPLICANT: Denissenko, Mikhail
APPLICANT: Smylie, Kevin
TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
FILE REFERENCE: 52459-20030.00
CURRENT APPLICATION NUMBER: US/10/455,552
CURRENT FILING DATE: 2003-06-04
PRIOR APPLICATION NUMBER: US 60/386,012

```

RESULT 51
US-10-251-117-247
; Sequence 247, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Rhozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediators
; TITLE OF INVENTION: Gene Expression Using
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251.117
; CURRENT FILING DATE: 2003-02-24

```

RESULT 53
US-10-251-117-496/c
; Sequence 496, Application US/10251117

Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT FILING DATE: 2003-02-24
PRIOR FILING DATE: 2002-02-24
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 496
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-496

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 582 TTTTGTCTGTTTCTTA 599
DB 18 TTTTGTCTGTTTCTTA 1

RESULT 54
US-10-251-117-673/c
Sequence 673, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT FILING DATE: 2003-02-24
PRIOR FILING DATE: 2002-02-24
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 673
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-673
Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 676 GCGGACCCCGAGGCCAC 693
DB 19 GCGGATCCCGAGGCCAC 2
RESULT 55
US-10-251-117-980
Sequence 980, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MBHB02-468-A)
CURRENT FILING DATE: 2003-02-24
PRIOR FILING DATE: 2002-02-24
PRIOR FILING DATE: 2002-07-03
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-06-06
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 980
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-980

Query Match 3.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 1.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 676 GCGGACCCCGAGGCCAC 693
DB 1 GCGGATCCCGAGGCCAC 18

RESULT 56
US-10-210-951-214
Sequence 214, Application US/10210951
Publication No. US20030170228A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scott A.
APPLICANT: Pan, James
APPLICANT: Pitti, Robert M.
APPLICANT: Roy, Margaret Ann
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REFERENCE: P2931R1C1
CURRENT FILING DATE: 2002-08-02
PRIOR FILING DATE: 1996-04-01
PRIOR FILING DATE: 1996-09-23

; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-210-951-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
||| ||||| |||||
Db 1 CCTGGCTCCACTTCTG 18

RESULT 57
US-10-211-884-214
; Sequence 214, Application US/10211884
; Publication No. US20030175900A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Pitti, Robert M.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stone, Donna M.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
; FILE REFERENCE: P293KR1C1
; CURRENT APPLICATION NUMBER: US/10/211,884
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: 60/014699
; PRIOR FILING DATE: 1996-04-01
; PRIOR APPLICATION NUMBER: 60/026943
; PRIOR FILING DATE: 1996-09-23
; PRIOR APPLICATION NUMBER: 60/059121
; PRIOR FILING DATE: 1997-07-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/062037
; PRIOR FILING DATE: 1997-10-10
; PRIOR APPLICATION NUMBER: 60/063755
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063045
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: 60/063046
; PRIOR FILING DATE: 1997-10-24

; PRIOR APPLICATION NUMBER: 60/066511
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/066772
; PRIOR FILING DATE: 1997-11-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 258
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe.
US-10-211-884-214

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 760 CCTAGGCTCCACTTCTG 777
||| ||||| |||||
Db 1 CCTGGCTCCACTTCTG 18

RESULT 58
US-10-371-099-35
; Sequence 35, Application US/10371099
; Publication No. US20030232326A1
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES
; FILE REFERENCE: 7682-063-999
; CURRENT APPLICATION NUMBER: US/10/371,099
; CURRENT FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-099-35

Query Match 3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCTCAGTCTTCTCGAA 670
||| ||||| |||||
Db 2 ACCCCAGTCTTCTTGAA 19

RESULT 59
US-10-371-122-35
; Sequence 35, Application US/10371122
; Publication No. US20040005544A1
; GENERAL INFORMATION:
; APPLICANT: Haller, Aurelia
; APPLICANT: Tang, Roderick
; APPLICANT: Fouchier, Ronaldus
; APPLICANT: Van Den Hoogen, Bernadetta
; APPLICANT: Osterhaus, Albertus
; TITLE OF INVENTION: METAPNEUMOVIRUS STRAINS AND THEIR
; TITLE OF INVENTION: USE IN VACCINE FORMULATIONS AND AS
; TITLE OF INVENTION: VECTORS FOR EXPRESSION OF
; TITLE OF INVENTION: ANTIGENIC SEQUENCES

```
; FILE REFERENCE: 7682-066-999
; CURRENT APPLICATION NUMBER: US/10/371,122
; CURRENT FILING DATE: 2003-02-21
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-122-35

Query Match          3.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 1.3e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 653 ACCCTAGCTCTTCTCGAA 670
   ||| ||||| ||||| |||
Db 2 ACCCCAGCTCTTCTTGAA 19

RESULT 60
US-10-349-143-4342
; Sequence 4342, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET 020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4342
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-14679 for SEQ 408,
US-10-349-143-4342

Query Match          3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 513 ACAGTACCATCTTCC 530
   ||| ||||| ||||| |||
Db 4 ACACCCATCTTCTTCC 21

RESULT 61
US-10-061-201-1115
; Sequence 1115, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1117
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; FILE REFERENCE: 7682-066-999
; CURRENT APPLICATION NUMBER: PCT/US01/00667
; CURRENT FILING DATE: 2003-01-30
; NUMBER OF SEQ ID NOS: 389
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-122-35

Query Match          3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 744 GTAGGTCCTCCAGGGTC 759
   ||||| ||||| ||||| |||
Db 2 GTAGGGGGCCAGGGTC 17

RESULT 62
US-10-061-201-1117
; Sequence 1117, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1117
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1117
```

Query Match 3.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 745 TAGGTCCTCCAGGGTCC 760
|||||
Db 1 TAGGGGCCCGAGGGTCC 16

RESULT 63

US-09-749-728B-58/c
; Sequence 58, Application US/09749728B
; Patent No. US20020142457A1

; GENERAL INFORMATION:

; APPLICANT: Umezawa, Akihiro
; APPLICANT: Hata, Jun-ichi
; APPLICANT: Fukuda, Keiichi
; APPLICANT: Ogawa, Satoshi
; APPLICANT: Sakurada, Kazuhiro
; APPLICANT: Gojo, Satoshi
; APPLICANT: Yamada, Yoji

; TITLE OF INVENTION: THE CELL HAVING THE POTENTIALITY OF DIFFERENTIATION INTO CARDIOMY

; FILE REFERENCE: 00766.000043

; CURRENT APPLICATION NUMBER: US/09/749,728B

; CURRENT FILING DATE: 2001-09-17

; PRIOR APPLICATION NUMBER: H11-372826

; PRIOR FILING DATE: 1999-12-28

; PRIOR APPLICATION NUMBER: PCT-JP00-01148

; PRIOR FILING DATE: 2000-02-28

; PRIOR APPLICATION NUMBER: PCT-JP00-07741

; PRIOR FILING DATE: 2000-11-02

; NUMBER OF SEQ ID NOS: 80

; SOFTWARE: PatentIn Ver.2.0

; SEQ ID NO 58

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: artificially synthesized prim

US-09-749-728B-58

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 597 CTACAACACAGAGTAC 612
|||||
Db 19 CTACAACACAGATTAC 4

RESULT 64

US-09-824-322B-446/c

; Sequence 446, Application US/09824322B

; Publication No. US20030022848A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.

; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALH

; FILE REFERENCE: ISPH-0501

; CURRENT APPLICATION NUMBER: US/09/824,322B

; CURRENT FILING DATE: 2001-04-02

; PRIOR APPLICATION NUMBER: US 09/313,932

; PRIOR FILING DATE: 1999-05-18

; PRIOR APPLICATION NUMBER: US 09/166,186

; PRIOR FILING DATE: 1998-10-05

; NUMBER OF SEQ ID NOS: 503

; SEQ ID NO 446

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-446

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 564 CTCCTCCACAGACCAAG 579
|||||
Db 19 CTCCTACACAGACCAAG 4

RESULT 65

US-09-986-381-6

; Sequence 6, Application US/09986381

; Publication No. US20030049635A1

; GENERAL INFORMATION:

; APPLICANT: Sommer, Steven S.

; APPLICANT: Liu, Qiang

; APPLICANT: Heilmoller, Ernst

; TITLE OF INVENTION: MEASUREMENT OF MUTATION LOAD USING THE p53 GENE IN

; FILE REFERENCE: 1954-360

; CURRENT APPLICATION NUMBER: US/09/986,381

; CURRENT FILING DATE: 2001-11-08

; PRIOR APPLICATION NUMBER: 60/246,582

; PRIOR FILING DATE: 2000-11-08

; NUMBER OF SEQ ID NOS: 11

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 6

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Primer for

; OTHER INFORMATION: Sequencing

US-09-986-381-6

Query Match 3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 1.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 AGGGTCCTCCAGGCCTC 769
|||||
Db 1 AGGGTCCTCCAGGCCTC 16

RESULT 66

US-10-444-925-376

; Sequence 376, Application US/10444925

; Publication No. US20040009946A1

; GENERAL INFORMATION:

; APPLICANT: Lewis, Stephen Patrick

; APPLICANT: Klinghoffer, Richard

; APPLICANT: Wilson, Linda K.

; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION

; FILE REFERENCE: 200125.441

; CURRENT APPLICATION NUMBER: US/10/444,925

; CURRENT FILING DATE: 2003-05-23

; NUMBER OF SEQ ID NOS: 599

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 376

; LENGTH: 19

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Small interfering RNA

US-10-444-925-376

Query Match 3.6%; Score 14.2; DB 1; Length 19;


```
; Patent No. US20020064861A1
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Nebraska
; TITLE OF INVENTION: IDENTIFICATION OF VIRULENCE DETERMINANTS
; FILE REFERENCE: UNL 2999.1
; CURRENT APPLICATION NUMBER: US/09/759,287A
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: US 60/175,433
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (..)
; OTHER INFORMATION: Primer
US-09-759-287A-2

Query Match          3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      684 CCAGGCGCACACTGTACCC 702
Db      2 CCAGGTCACACTGCCCC 20

RESULT 70
US-10-176-277-15/c
; Sequence 15, Application US/10176277
; Publication No. US20030232443A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-176-277-15

Query Match          3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      861 CTCACGTTGGAACACTTTC 879
Db      20 CTCACGTTGGAACACGATC 2

RESULT 71
US-10-176-277-52
; Sequence 52, Application US/10176277
; Publication No. US20030232443A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CENTROMERE PROTEIN B EXPRESSION
; FILE REFERENCE: HTS-0022
; CURRENT APPLICATION NUMBER: US/10/176,277
; CURRENT FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 77
; SEQ ID NO 52
; LENGTH: 20
```

```
; Best Local Similarity 63.2%; Pred. No. 1.4e+02;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      793 GTGCCAAGAGCTCTCTCC 811
Db      1 GUGCAAGAGGAGCUCUCC 19

RESULT 67
US-10-206-705-150/c
; Sequence 150, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense strand
US-10-206-705-150

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACTCAGGT 821
Db      19 CTCCTCTCCAAATCAGGT 1

RESULT 68
US-10-206-705-335
; Sequence 335, Application US/10206705
; Publication No. US20040019001A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Protein Tyrosine Phosphatase
; FILE REFERENCE: 900/035 (MHB02-738)
; CURRENT APPLICATION NUMBER: US/10/206,705
; CURRENT FILING DATE: 2002-07-26
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 335
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
US-10-206-705-335

Query Match          3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 1.4e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      803 CTCCTCTCCAACTCAGGT 821
Db      1 CUCUCUCCAAAUACAGGU 19

RESULT 69
US-09-759-287A-2
; Sequence 2, Application US/09759287A
```

```

; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-176-277-52

```

Query Match 3.6%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 3; Indels

Qy 861 CTC CAGTTGGAACACTTTC 879
Db 1 CTC CACTTGGAAACACGATC 19

RESULT 72
US-09-856-108-911
; Sequence 911, Application US/09865108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

GENERIC INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-L
/ FILE REFERENCE: AEMICA-7
/

FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108

1 CURRENT APPLICATION NUMBER: US 09/866,108
2
3 CURRENT FILING DATE: 2001-05-25
4
5 PRIOR APPLICATION NUMBER: US 60/207,456
6
7 PRIOR FILING DATE: 2000-05-26
8
9 PRIOR APPLICATION NUMBER: GB 24263.6
10
11 PRIOR FILING DATE: 2000-10-04
12
13 PRIOR APPLICATION NUMBER: US 60/236,359
14
15 PRIOR FILING DATE: 2000-09-27

```

/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/006666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/006670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 911
/ LENGTH: 17

```

; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-911

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 678 GGACCCCAGGGCCACA 694

Db
1 GGACCCCCAAGACCACA 17

RESULT 73
US-09-827-998-618/c
; Sequence 618, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:

```

; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL
; FILE REFERENCE: MDhMORT-8
; CURRENT APPLICATION NUMBER: US/05/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 618
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-618

```

Query Match 3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 543 CTCCTAGGCCCTCCCCAG 559
Db 17 CTTCTATGCCCTCCCCAG 1

RESULT 74

```

US-09-827-998-619/c
; Sequence 619, Application US/09827998
; Patent No. US2002010252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORE-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 619
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-619

```

Query Match 3.5%; Score 13.8; DB 1;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels

Qy 542 GCTCCTAGGCTCCCCA 558
Db 17 GCTTCTATGCCCTCCCCA 1

RESULT 75
US-09-825-805-558
; Sequence 558, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jagenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 558
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-825-805-558

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 17.6%; Pred. No. 1.2e+02;
Matches 3; Conservative 12; Mismatches 2; Indels 0; Gaps 0;

QY 583 TTGTCTCTCTTTCTA 599
Db 1 UUGUUUUUUUUUUUA 17

RESULT 76
US-09-877-478-733
; Sequence 733, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1579
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; ORGANISM: Hepatitis B virus
US-09-877-478-1579

Query Match      3.5%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.2e+02;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 606 CAGACTACTGACTGTGCC 622
Db 1 CAGAAUACUGUCUGGCC 17

RESULT 78
US-09-848-754A-3386/c
; Sequence 3386, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
```

```

; CURRENT FILING DATE: 2001-05-03
;
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3386
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3386

```

Query Match	3.5%	Score	13.8	DB	1	Length	17
Best Local Similarity	88.2%	Pred. No.	1.2e+02				
Matches	15	Conservative	0	Mismatches	2	Indels	0
						Gaps	0

RESULT 79
 US-09-848-754A-3387/c
 ; Sequence 3387, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MEHB00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3387
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-3387

Query Match	3.5%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%;	Pred. No. 1.2e+02;		
Matches 15;	Conservative	0;	Mismatches 2;	Indels 0;
				Gaps 0;

RESULT 80
 US-09-848-754A-3388/c
 ; Sequence 3388, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MEH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 3388
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-848-754A-3388

Query Match	3.5%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	88.2%;	Pred. No. 1.2e+02;		
Matches	15;	Conservative	0;	Mismatches 2;
			Indels	0;
			Gaps	0;

```

RESULT 81
US-10-163-552-985
; Sequence 985, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to I
; TITLE OF INVENTION: HER2
; FILE REFERENCES: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 985
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-985

```

Query Match	3.5%	Score 13.8	DB 1	Length 17
Best Local Similarity	17.6%	Pred. No. 1.2e+02		
Matches 3	Conservative	12	Mismatches 2	Indels 0
				Gaps 0

RESULT 82
 US-10-156-306-1301
 ? Sequence 1301, Application US/10156306
 ? Publication No. US20030119017A1
 ? GENERAL INFORMATION:
 ? APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ? APPLICANT: McSwiggen, James
 ? TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
 ? TITLE OF INVENTION: Levels of IKK-Gamma and PKR
 ? FILE REFERENCE: MBH01-664-A (400/050)
 ? CURRENT APPLICATION NUMBER: US/10/156,306
 ? CURRENT FILING DATE: 2002-05-28
 ? NUMBER OF SEQ ID NOS: 8013
 ? SOFTWARE: PatentIn version 3.0
 ? SEQ ID NO 1301
 ? LENGTH: 17
 ? TYPE: RNA
 ? ORGANISM: Homo sapiens
 US-10-156-306-1301

Query Match	3.5%	Score 13.8;	DB 1;	Length 17;
Best Local Similarity	58.8%;	Pred. No. 1.2e+02;		
Matches 10;	Conservative	5;	Mismatches 2;	Indels 0;
				Gaps 0;

```

RESULT 83
US-09-864-636A-693
; Sequence 693, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640

```

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 693
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCAGCGAGCTCTCTCC 570
||||| ||| ||| ||| |||
Db 2 CCCATCGATCTCTCTCC 18

RESULT 84

US-09-864-636A-1687
; Sequence 1687, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwail, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1687
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCAGCGAGCTCTCTCC 570
||||| ||| ||| ||| |||
Db 2 CCCATCGATCTCTCTCC 18

RESULT 85

US-09-864-636A-1694
; Sequence 1694, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwail, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCAGCGAGCTCTCTCC 570
||||| ||| ||| ||| |||
Db 2 CCCATCGATCTCTCTCC 18

RESULT 86

US-09-864-426A-693
; Sequence 693, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saisier, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 693
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCAGCGAGCTCTCTCC 570
||||| ||| ||| ||| |||
Db 2 CCCATCGATCTCTCTCC 18

RESULT 87

US-09-864-426A-1687
; Sequence 1687, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saisier, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1687
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCAGCGAGCTCTCTCC 570
||||| ||| ||| ||| |||
Db 2 CCCATCGATCTCTCTCC 18

RESULT 88
US-09-864-426A-1694
; Sequence 1694, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saizer, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1694

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGCGAGCTCTCC 570
|||||
Db 2 CCCATCGATCTCTCC 18

RESULT 89
US-10-084-839-693
; Sequence 693, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 693
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic

US-10-084-839-693

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGCGAGCTCTCC 570
|||||
Db 2 CCCATCGATCTCTCC 18

RESULT 90
US-10-084-839-1687
; Sequence 1687, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1687
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1687

Query Match 3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGCGAGCTCTCC 570
|||||
Db 2 CCCATCGATCTCTCC 18

RESULT 91
US-10-084-839-1694
; Sequence 1694, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne

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; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, Wupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Iwetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1694
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1694

Query Match          3.5%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
    ||||| ||| |||||
Db 2 CCCATCGATCTCTCC 18

RESULT 92
US-09-864-636A-1684
; Sequence 1684, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1684

Query Match          3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
    ||||| ||| |||||
Db 1 CCCATCGATCTCTCC 17

RESULT 93
US-09-864-426A-1684
; Sequence 1684, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1684
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1684

Query Match          3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCACGCGAGCTCTCC 570
    ||||| ||| |||||
Db 1 CCCATCGATCTCTCC 17

RESULT 94
US-10-182-269A-18
; Sequence 18, Application US/10182269A
; Publication No. US20030153083A1
; GENERAL INFORMATION:
; APPLICANT: Shir, Alexei
; APPLICANT: Levitzki, Alexander
; TITLE OF INVENTION: SELECTIVE KILLING OF CELLS BY ACTIVATION OF DOUBLE-STRANDED RNP
; FILE REFERENCE: 02/23757
; CURRENT APPLICATION NUMBER: US/10/182,269A
; CURRENT FILING DATE: 2001-01-31
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-10-182-269A-18

Query Match          3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
    ||||| ||| |||||
Db 1 CAGGGTCCCTAGGCCTC 17

RESULT 95
US-10-084-839-1684
; Sequence 1684, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.

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APPLICANT: Chehak, Luanne
APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Teetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1684
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1684

Query Match 3.5%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGGAGCTCTCC 570
DB 1 CCCATCGATCTCTCC 17

RESULT 96
US-09-866-108-2137/c
Sequence 2137, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2137
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2137

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACTG 697
DB 17 CCCAGGGCCACAATG 3

RESULT 97
US-09-866-108-2138/c
Sequence 2138, Application US/09866108
Patent No. US2002004800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2138

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
DB 16 CCCAGGGCCACACTG 2

RESULT 98
US-09-866-108-2139/c
Sequence 2139, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2139
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2138

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
DB 16 CCCAGGGCCACACTG 2

RESULT 98
US-09-866-108-2139/c
Sequence 2139, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2139
LENGTH: 17

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2138

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGGCCACACTG 697
DB 15 CCCAGGGCCACACTG 1

RESULT 99
US-09-818-875-787/c
Sequence 787, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 787
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-787

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTT 596
DB 16 TTTGTTCTCTGTTTT 2

RESULT 100
US-09-818-875-788
Sequence 788, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamber, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-788

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 582 TTTTGTCTGTTTT 596
||| |||||
Db 2 TTTGGTTCTGTTTT 16

RESULT 101
US-09-848-754A-1328/c
; Sequence 1328, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1328
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1328

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 679 GACCCCGAGGCCAC 693
||| |||||
Db 17 GATCCCGAGGCCAC 3

RESULT 102
US-09-848-754A-1329/c
; Sequence 1329, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1329
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1329

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 679 GACCCCGAGGCCAC 693
||| |||||
Db 16 GATCCCGAGGCCAC 2

RESULT 103

US-09-776-474-1062/c
; Sequence 1062, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Boohar, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1062
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1062

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 798 AAGAGCTCTCTCCA 812
||| |||||
Db 16 AAAAGCTCTCTCCA 2

RESULT 104
US-09-827-395A-461
; Sequence 461, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Recept
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 461
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-461

Query Match 3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 614 GACTCTGCTGTTTC 628
||| |||||
Db 1 GACUCUGCCUGGCTC 15

RESULT 105
US-09-827-395A-744
; Sequence 744, Application US/09827395A

```
; Publication No. US20030113891A1
; GENERAL INFORMATION: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowdria
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-744

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 66.7%; Pred. No. 1.3e+02;
Matches 10; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      614 GACTCTGCTGCTGTC 528
Db      3 GACUCUGCCUGGCTC 17

RESULT 106
US-10-061-201-1114
; Sequence 1114, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1114
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      744 GTAGGTCCTCCAGGTC 758
Db      3 GTAGGGCCCGAGGTC 17

RESULT 107
US-10-061-201-1118
; Sequence 1118, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1118
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1118

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      746 AGGGTCCTCCAGGTC 760
Db      1 AGGGGCCCGAGGTC 15

RESULT 108
US-10-338-777-363
; Sequence 363, Application US/10338777
; Publication No. US20030188343A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: United States Department of Agriculture
; APPLICANT: Bowen, Benjamin A
; APPLICANT: Haudenschild, Christian D
; APPLICANT: Buckler, Edward S
; TITLE OF INVENTION: Identification of Genes Associated with Growth in Plants
; FILE REFERENCE: 37-0005100S
; CURRENT APPLICATION NUMBER: US/10/338,777
; CURRENT FILING DATE: 2003-01-07
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 363
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-10-338-777-363
```

```
Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCT 844
DB 3 TCTCTTTCTCTCT 17

RESULT 109
US-10-209-787-787/c
; Sequence 787, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-787

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTCTGTTTT 596
DB 16 TTTGTTCTCTGTTTT 2

RESULT 110
US-10-209-787-788
; Sequence 788, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

```
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 788
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-788

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTCTGTTTT 596
DB 2 TTTGTTCTCTGTTTT 16

RESULT 111
US-10-261-185-787/c
; Sequence 787, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 787
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-787

Query Match          3.4%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTGTTCTCTGTTTT 596
DB 16 TTTGTTCTCTGTTTT 2

RESULT 112
US-10-261-185-788
; Sequence 788, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```

1 AFFILIATION: CUMMANS, ILL
2
3 TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
4
5 FILE REFERENCE: GENSET.020CPI
6
7 CURRENT APPLICATION NUMBER: US/10/349,143
8
9 CURRENT FILING DATE: 2003-01-21
10
11 PRIOR APPLICATION NUMBER: US/09/422,978
12
13 PRIOR FILING DATE: 1999-10-20
14
15 PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
16
17 PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

```

```

RESULT 116
US-10-444-925-321
: Sequence 321, Application US/10444925
: Publication No. US2004000946A1
: GENERAL INFORMATION:
: APPLICANT: Lewis, Stephen Patrick
: APPLICANT: Klinghoffer, Richard
: APPLICANT: Wilson, Linda K.
: TITLE OF INVENTION: MODULATION OF PTPLB 3
: TITLE OF INVENTION: BY RNA INTERFERENCE
: FILE REFERENCE: 200125.441
: CURRENT APPLICATION NUMBER: US/10/444,925
: CURRENT FILING DATE: 2003-05-23
: NUMBER OF SEQ ID NOS: 599
: SOFTWARE: FastSeq for Windows Version 4.0
: SEQ ID NO 321
: LENGTH: 19

```

```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-321

Query Match          3.4%; Score 13.4; DB 1; Length 19;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 506 ACAACCCACAGTACC 520
Db 4 ACAACCCAUAGUACC 18

RESULT 117
US-09-784-423-56/c
; Sequence 56, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffrey W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR REPEAT DNA MARKERS
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 56
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 56
US-09-784-423-56

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 536 TCCTCTGCTCCTAGGCCT 553
Db 18 TCAUCTGGTCCTGGGCCT 1

RESULT 118
US-09-878-582-33
; Sequence 33, Application US/09878582
```

```
; Patent No. US20020058638A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; APPLICANT: Robert McKay
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
; FILE REFERENCE: ISPH-0463
; CURRENT APPLICATION NUMBER: US/09/878,582
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 09/577,902
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/358,381
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: PCT/US99/29594,
; PRIOR FILING DATE: 1999-12-14
; NUMBER OF SEQ ID NOS: 51
; SEQ ID NO 33
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-878-582-33

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 819 GGTGGCTGCTCTCTTT 836
Db 1 GGTGGCTTGTCTTTAT 18

RESULT 119
US-09-789-919-77
; Sequence 77, Application US/09789919
; Patent No. US20020064855A1
; GENERAL INFORMATION:
; APPLICANT: Lemischka, Ibor
; APPLICANT: Moore, Kateri
; TITLE OF INVENTION: GENES THAT REGULATE HEMATOPOIETIC BLOOD FORMING STEM
; CELL DEVELOPMENT
; FILE REFERENCE: 2275-1-005
; CURRENT APPLICATION NUMBER: US/09/789,919
; CURRENT FILING DATE: 2001-02-21
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 77
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-789-919-77

Query Match          3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 650 CAGACCTCAGTCTTCTC 667
Db 1 CAGCCCTCACTCCTTCTC 18

RESULT 120
US-10-367-438-105/c
; Sequence 105, Application US/10367438
; Publication No. US20030180773A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Daniel
; BLUMENFELD, Marta
; TCHOUMAKOV, Ilia
; TITLE OF INVENTION: Biallelic markers for use in
```

schultz149-3.rnpb

Mon Mar 8 14:22:25 2004

constructing a high density disequilibrium map of the human genome.

NUMBER OF SEQUENCES: 336
CORRESPONDENCE ADDRESS:
ADDRESS: Knobs, Martens, Olson & Bear
STREET: 550 West C Street
CITY: San Diego
STATE: California
COUNTRY: USA
ZIP: 92101

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: Win95
SOFTWARE: Word

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/367,438
FILING DATE: 14-Feb-2003
APPLICATION NUMBER: US/09/463,075A
FILING DATE: 14-Jan-2000

INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: LINEAR
MOLECULE TYPE: DNA
ORIGINAL SOURCE:
ORGANISM: Homo sapiens

FEATURE:
NAME/KEY: upstream amplification primer for SEQ IDs, SEQ ID55
LOCATION: 1..18
SEQUENCE DESCRIPTION: SEQ ID NO: 105:
US-10-367-438-105

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 641 CCTAAGTCACAGACCTCA 658
Db 18 CCTGAGTCACACATCA 1

RESULT 121
US-10-388-263-853
Sequence 853, Application US/10388263
Publication No. US20030228597A1

GENERAL INFORMATION:
APPLICANT: Cowser, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Sasmor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
MODULATION BY OLIGONUCLEOTIDES AND
GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: ISIS-4503
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 853
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-853

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTCTTT 836
Db 1 GGTGGCTGTCTCTTTAT 18

RESULT 122

US-10-336-213B-33
Sequence 33, Application US/10336213B
Publication No. US20040002153A1

GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Robert McKay
APPLICANT: Tim Vickers
TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN EXPRESSION
FILE REFERENCE: ISIS0004-100
CURRENT APPLICATION NUMBER: US/10/336,213B
CURRENT FILING DATE: 2003-01-03
PRIOR APPLICATION NUMBER: US 60/411,780
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: US 09/878,582
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: US 09/577,902
PRIOR FILING DATE: 2000-05-24
PRIOR APPLICATION NUMBER: PCT/US99/29594
PRIOR FILING DATE: 1999-12-14
PRIOR APPLICATION NUMBER: US 09/358,381
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 33
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide
US-10-336-213B-33

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 819 GGTGGCTGTCTCTTT 836
Db 1 GGTGGCTGTCTCTTTAT 18

RESULT 123

US-10-349-143-4808
Sequence 4808, Application US/10349143
Publication No. US20040005584A1

GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: 1998-04-21

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; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4808
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17920 for SEQ 874,
US-10-349-143-4808

Query Match      3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 521 AATACTTTCCCAACATCC 538
      ||||| ||||| |||||
Db 1 AATACTTTGCCACACCC 18

RESULT 124
US-10-349-143-5193/c
; Sequence 5193, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5193
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2242 for SEQ 1259,
US-10-349-143-5193

Query Match      3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 641 CCTAGTCTACACATCA 658
      ||||| ||||| |||||
Db 18 CCTGAGTCTACACATCA 1

RESULT 125
US-10-349-143-5365/c
; Sequence 5365, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978

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; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5365
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-24393 for SEQ 1431,
US-10-349-143-5365

Query Match      3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.6e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 531 CAACATCTCTGCTCCTA 548
      ||||| ||||| |||||
Db 18 CAAGCCCTCTGCTCCTA 1

RESULT 126
US-10-178-325-83
; Sequence 83, Application US/10178325
; Publication No. US20030199467A1
; GENERAL INFORMATION:
; APPLICANT: Roberts, M. Luisa
; APPLICANT: Cowsett, Lex M.
; TITLE OF INVENTION: Antisense Modulation of Human Rho Family Gene
; TITLE OF INVENTION: Expression
; FILE REFERENCE: ISPH-0404
; CURRENT APPLICATION NUMBER: US/10/178,325
; CURRENT FILING DATE: 2002-06-21
; PRIOR APPLICATION NUMBER: US/09/387,341
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 09/156,424
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/156,979
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/156,807
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 09/161,015
; PRIOR FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 233
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 83
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-178-325-83

Query Match      3.3%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 702 CTCACGCGAGTCC 714
      ||||| ||||| |||||
Db 6 CTCACGCGAGTCC 18

RESULT 127
US-09-866-108-227
; Sequence 227, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

```



```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 227
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-228
```

```
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 797 CAAGAGCTCTCTCCA 812
Db 2 CAAGAGCCCTCCACCA 17
|||||
```

```
RESULT 128
US-09-866-108-228
; Sequence 228, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
```

```
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 228
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-228
```

```
Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 797 CAAGAGCTCTCTCCA 812
Db 1 CAAGAGCCCTCCACCA 16
|||||
```

```
RESULT 129
US-09-866-108-910
; Sequence 910, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
```

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-910

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGAGGCCAC 693
|||||
Db 2 GGACCCCGAGGCCAC 17

RESULT 130
US-09-866-108-912
; Sequence 912, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 912
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-912

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 679 GACCCCGAGGCCAC 694
|||||
Db 1 GACCCCGAGGCCAC 16

RESULT 131
US-09-866-108-938
; Sequence 938, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860

Mon Mar 8 14:22:25 2004

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Page 38

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; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 938
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-938

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GCGGACCCCGAGGC 690
DB 2 GCGTGAGCCCGAGGC 17

RESULT 132
US-09-866-108-939
; Sequence 939, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 939
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-939

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTC 790
DB 2 CTGTGAGCGAGCCCTC 17

RESULT 134
US-09-866-108-6097

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GCGGACCCCGAGGC 690
DB 1 GCGTGAGCCCGAGGC 16

RESULT 133
US-09-866-108-6096
; Sequence 6096, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6096

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 775 CTGAGGCGAGCCCTC 790
DB 2 CTGTGAGCGAGCCCTC 17
```

; Sequence 6097, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6097
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6097

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGGGAGCCCTC 790
Db 1 CTGTGAGCAGCCCTC 16

RESULT 135
US-09-866-108-9213
; Sequence 9213, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9213
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9213

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 534 CATCCTCGCTCCTAG 549
Db 2 CATCCTCAGCTCCAG 17

RESULT 136
US-09-866-108-9214
; Sequence 9214, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

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; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 9214
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-9214

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 534 CATCCTCTCTCTCTAG 549
Db 1 CATCCTCAGCTCCAG 16

RESULT 137
US-09-827-998-615/c
; Sequence 615, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 615
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-617

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 TCCTAGGCTCCCGAG 559
Db 17 TCCTATGCTCCCGAG 2

RESULT 138
US-09-827-998-616/c
; Sequence 616, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 616
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-616

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 546 CTAGGCTCCCGAG 561
Db 16 CTATGCTCCCGAG 1

RESULT 139
US-09-827-998-617/c
; Sequence 617, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8
; CURRENT APPLICATION NUMBER: US 60/207,456
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 617
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-827-998-617

Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 TCCTAGGCTCCCGAG 559
Db 17 TCCTATGCTCCCGAG 2

RESULT 140
US-09-827-998-620/c
; Sequence 620, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDHMORF-8

```

```

, CURRENT APPLICATION NUMBER: US/09/827,998
, CURRENT FILING DATE: 2001-04-06
, PRIOR APPLICATION NUMBER: US 60/207,456
, PRIOR FILING DATE: 2000-05-26
, PRIOR APPLICATION NUMBER: US 60/236,359
, PRIOR FILING DATE: 2000-09-27
, NUMBER OF SEQ ID NOS: 1881
, SOFTWARE: Aecomica Sequence Listing Engine
, SEQ ID NO 620
, LENGTH: 17
, TYPE: DNA
, ORGANISM: Homo sapiens
, US-09-827-998-620

```

```
Query Match      3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy 542 GCTCCTAGGCCTCCCC 557
||| ||| ||| ||| |||
Db 16 GCTTCTATGCCCTCCCC 1

```

RESULT 141
US-09-780-533A-2513/c
  , Sequence 2513, Application US/09780533A
  , Publication No. US20030060611A1
  , GENERAL INFORMATION:
  , APPLICANT: Ribozyme Pharmaceuticals, Inc.
  , APPLICANT: Blatt, Larry
  , APPLICANT: McSwiggen, Jim
  , APPLICANT: Chowrira, Bharat
  , APPLICANT: Haeblerli, Pete
  , TITLE OF INVENTION: Method and Reagent for
  , FILE REFERENCE: MEHB00,878-A (400/011)
  , CURRENT APPLICATION NUMBER: US/09/780,533
  , CURRENT FILING DATE: 2001-02-09
  , PRIOR APPLICATION NUMBER: US 60/181,797
  , PRIOR FILING DATE: 2000-02-11
  , NUMBER OF SEQ ID NOS: 66/79
  , SOFTWARE: PatentIn version 3.0
  , SEQ ID NO 2513
  , LENGTH: 17
  , TYPE: RNA
  , ORGANISM: Homo sapiens
US-09-780-533A-2513

```

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14: Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 581 CTTTGTCTCTGTTTTT 596
|||||
pb 17 CTTTCTCTCTATTTTT 2

RESULT 142
US-09-848-754A-721
; Sequence 721, Application US/09848754A
; Publication No. US20030073207A1

```

/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
/ TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
/ FILE REFERENCE: MBHB00-958-I (400/018)
/ CURRENT APPLICATION NUMBER: US/09/848,754A
/ CURRENT FILING DATE: 2001-05-03
/ NUMBER OF SEQ ID NOS: 9645
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 721
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens

```

US-09-848-754A-721

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.6e+02;
Matches 9; Conservative 5; Mismatches 2; Indels

Qy 521 AATACTTCCCAACAT 536
||:|::| ||||:
Db 2 AAUGCUUUCACAAAU 17

RESULT 143

US-09-848-754A-722
; Sequence 722, Application US/09848754A
; Publication No. US20030073207A1

/ GENERAL INFORMATION:
 / APPLICANT: Ribozyme Pharmaceuticals, Inc.
 / TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
 / TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 / FILE REFERENCE: MBHB00-958-I (400/018)
 / CURRENT APPLICATION NUMBER: US/09/848,754A
 / CURRENT FILING DATE: 2001-05-03

```

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 722
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-722

```

Query Match	3.2%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	56.2%;	Pred. No. 1.6e+02;		
Matches	9;	Conservative	5;	Mismatches 2;
				Indels 0;
				Gaps 0;

Qy 521 AATACTTTCCCAACAT 536
||:|::| ||||:
db 1 AAUGCUUUCACACAU 16

RESULT 144

US-09-848-754A-3389/c
; Sequence 3389, Application US/09848754A
; Publication No US20030073207A1

PUBLICATION NO.: 08205000752074
 GENERAL INFORMATION: Pharmaceutics, Inc.
 APPLICANT: Ribozyme Pharmaceuticals, Inc.
 TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
 TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 TITLE OF INVENTION: MEHR00-958-I (400/018)
 FILE REFERENCE: MEHR00-958-I (400/018)
 CURRENT APPLICATION NUMBER: US/09/848,754A
 CURRENT FILING DATE: 2001-05-03

```
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3389
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
```

U.S.-09-848-754A-3389

Query Match	3.2%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%	Pred. No. 1.6e+02;		
Mismatches	14;	Conservative	2	Indels
		0:	Mismatches	2

Qy
675 GGCGGACCCCAAGGC 690

PROFIT 145

RESULT 145
US-09-776-474-812/c
. Sequence 812 Application IIS/09776474

sequence 812, Affiliation 05/02/2011
Publication No. US20030087847A1
GENERAL INFORMATION:
APPLICANT: Ribozyne Pharmaceuticals, Inc.

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; APPLICANT: Jarvis, Thale
; APPLICANT: Boher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Pattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MBH900-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 812
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-812

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      796 CCAAGAGCTCTCTCC 811
Db      16 CAAAAGCTCTCTCC 1

RESULT 146
US-09-780-164-628/c
; Sequence 628, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 628
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-628

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      617 TCTGCTGCTCTCTGA 632
Db      16 TCTCCCTGCTGCTGA 1

RESULT 147
US-09-780-164-859/c
; Sequence 859, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 996
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-996

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; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 859
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-859

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      844 TGAAGACAGCTCTCTG 859
Db      17 TGAAGACATCTCTCTG 2

RESULT 148
US-09-780-164-995/c
; Sequence 995, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 995
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-995

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      548 AGGCCTCCCGACGAG 563
Db      17 ATGCCTCCCGACGAG 2

RESULT 149
US-09-780-164-996/c
; Sequence 996, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 996
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-996

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Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 548 AGGCCTCCCGAGGAG 563

Db 16 ATGCTTCCCGAGAG 1

RESULT 150

US-09-827-395A-408
; Sequence 408, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MH800-878-C (400/017)
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 408
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-408

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 678 GGACCCCGAGGCGCAC 693

Db 1 GGACCCCGAGGCGCAC 16

RESULT 151

US-09-740-332-1119/c
; Sequence 1119, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1119

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 557 CAGCGAGCTCTCCCA 572

Db 16 CAGCGAGCTCTCCCA 1

RESULT 152

US-09-740-332-4350/c
; Sequence 4350, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4350

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 765 GCCTCCACCTCTGAGG 780

Db 16 GCCTCCGCTTATGAGG 1

RESULT 153

US-09-817-879-1119/c
; Sequence 1119, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MH800-801-F
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1119
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1119

Query Match 3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 557 CAGCGAGCTCTCCCA 572

Db 16 CAGCGAGCTCTCCCA 1

RESULT 154

US-09-817-879-4350/c
; Sequence 4350, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related


```

; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4350
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-09-817-879-4350

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      765 GCCTCCACTTCTGAGG 780
Db      16 GCCTCCGCTTATGAGG 1

RESULT 155
US-10-211-059-153
; Sequence 153, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 153
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-211-059-153

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      777 GAGGCGAGCCCTCTG 792
Db      2 GAGGCGAGCCCTCTG 17

RESULT 156
US-10-211-059-154
; Sequence 154, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 154
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-211-059-154

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      777 GAGGCGAGCCCTCTG 792
Db      1 GAGGCGAGCCCTCTG 16

RESULT 157
US-10-156-306-1302
; Sequence 1302, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1302
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-10-156-306-1302

Query Match          3.2%; Score 12.8; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 1.6e+02;
Matches 10; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      648 CACAGACTCAGTCT 663
Db      1 CAUAGACCUAGUCUU 16

RESULT 158
US-10-061-201-715
; Sequence 715, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 715
; LENGTH: 17
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-715

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 838 CTTCTCTGAAGACAGC 853
Db 2 CTTCTCCGGAGACAGC 17

RESULT 159
US-10-061-201-716
; Sequence 716, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 716
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-777

Query Match
Best Local Similarity 3.2%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 CTCCCAGCGAGCTCC 567
Db 2 CTTCCCAGCGAGCTCC 17

RESULT 161
US-10-061-201-778
; Sequence 778, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 778
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-778

Query Match
3.2%; Score 12.8; DB 1; Length 17;

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Mon Mar 8 14:22:25 2004

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Page 46

Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 552 CTCGCCGAGGCTCC 567
|||||

Db 1 CTCGCCGAGGCTCC 16
|||||

RESULT 162

US-09-864-636A-1690
; Sequence 1690, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1690
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1690

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCCGAGGCTCCTC 569
|||||

Db 3 CCCCGAGGCTCCTC 18
|||||

RESULT 163

US-09-864-636A-2098
; Sequence 2098, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2098
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2098

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCAGGAGTAC 726
|||||

Db 3 GTCCAGGAGTAC 18
|||||

RESULT 164

US-09-864-636A-2316
; Sequence 2316, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2316

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 662 TTCTCGAGCTTGC 677
|||||

Db 2 TTCTCGAGCTTGC 17
|||||

RESULT 165

US-09-864-426A-1690
; Sequence 1690, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1690
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1690

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCCGAGGCTCCTC 569
|||||

Db 3 CCCCGAGGCTCCTC 18
|||||

RESULT 166

US-09-864-426A-2098
; Sequence 2098, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences

```
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2098
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-864-426A-2098

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCAGGAGTGAC 726
   |||||
Db 3 GTCACAGGAGAGAC 18

RESULT 167
US-09-864-426A-2316
; Sequence 2316, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saizer, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-09-864-426A-2316

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 662 TTCTCGAAGCTTGGC 677
   |||||
Db 2 TTCTGGAAGCTTTGC 17

RESULT 168
US-10-005-956-1069/c
; Sequence 1069, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1069

; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2098
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-005-956-1069

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 778 AGGCGAGCCCTCTGG 793
   |||||
Db 17 AGCCAGTCCCTCTGG 2

RESULT 169
US-10-244-367-25
; Sequence 25, Application US/10244367
; Publication No. US20030113773A1
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Aruga, Jun
; APPLICANT: Nagai, Takeharu
; APPLICANT: Katsumori, Nakata
; TITLE OF INVENTION: Neurogenesis Inducing Gene
; FILE REFERENCE: HIRAKI-03814
; CURRENT APPLICATION NUMBER: US/10/244,367
; CURRENT FILING DATE: 2002-09-16
; PRIOR APPLICATION NUMBER: US/09/342,325
; PRIOR FILING DATE: 1999-06-30
; PRIOR APPLICATION NUMBER: JP98/86979
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: JP98/121456
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 09/172,045
; PRIOR FILING DATE: 1998-09-28
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 25
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; US-10-244-367-25

Query Match          3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 597 CTACACACAGAGTAC 612
   |||||
Db 3 CCAGACACAGAGTAC 18

RESULT 170
US-10-084-839-1690
; Sequence 1690, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
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; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1690
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1690

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 554 CCCGAGGAGTCTCTC 569
Db 3 CCCATCGATCTCTC 18

RESULT 171
US-10-084-839-2098
; Sequence 2098, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lymaichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2316

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 662 TTCTCGAAGCTTGC 677
Db 2 TTCTCGAAGCTTGC 17

RESULT 173
US-10-454-224-35/c
; Sequence 35, Application US/10454224
; Publication No. US20040010814A1
; GENERAL INFORMATION:
; APPLICANT: HERRMANN, Bernhard
; APPLICANT: KOSCHORZ, Birgit
; APPLICANT: KISPERT, Andreas
; TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATI

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; OTHER INFORMATION: Synthetic
US-10-084-839-2098

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 711 GTCCAGGAGGTGAC 726
Db 3 GTACAGGAGAGAGAC 18

RESULT 172
US-10-084-839-2316
; Sequence 2316, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lymaichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2316
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2316

Query Match      3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 662 TTCTCGAAGCTTGC 677
Db 2 TTCTCGAAGCTTGC 17

RESULT 173
US-10-454-224-35/c
; Sequence 35, Application US/10454224
; Publication No. US20040010814A1
; GENERAL INFORMATION:
; APPLICANT: HERRMANN, Bernhard
; APPLICANT: KOSCHORZ, Birgit
; APPLICANT: KISPERT, Andreas
; TITLE OF INVENTION: NUCLEIC ACIDS INVOLVED IN THE RESPONDER PHENOTYPE AND APPLICATI

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Page 49

;; TITLE OF INVENTION: THEROF
;; FILE REFERENCE: 258.0009.0101
;; CURRENT APPLICATION NUMBER: US/10/454,224
;; CURRENT FILING DATE: 2003-06-04
;; PRIOR APPLICATION NUMBER: US/09/554,726A
;; PRIOR FILING DATE: 2000-05-18
;; PRIOR APPLICATION NUMBER: PCT/EP 98/07395
;; PRIOR FILING DATE: 1998-11-18
;; PRIOR APPLICATION NUMBER: EP 98 10 3596.7
;; PRIOR FILING DATE: 1998-03-02
;; PRIOR APPLICATION NUMBER: EP 97 12 0190.0
;; PRIOR FILING DATE: 1997-11-18
;; NUMBER OF SEQ ID NOS: 53
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 35
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Primer
US-10-454-224-35

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 560 CGAGCTCTCCCGAC 575
DB 16 CAAGCTCTCCCAAC 1

RESULT 174

US-09-263-959-619
; Sequence 619, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 619:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-619

Query Match 3.1%; Score 12.4; DB 1; Length 14;

Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTTTT 595
DB 1 TTTTGTCTCTTTT 14

RESULT 175

US-09-263-959-930
; Sequence 930, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH I
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 930:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-930

Query Match 3.1%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.1e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTTTT 595
DB 1 TTTTGTCTCTTTT 14

RESULT 176

US-09-766-399-23/c
; Sequence 23, Application US/09766399
; Patent No. US20010047092A1
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley B.
; APPLICANT: Niu, Xiping
; TITLE OF INVENTION: No. US20010047092A1 Plant Promoters and Methods of Use
; FILE REFERENCE: 1165
; CURRENT APPLICATION NUMBER: US/09/766,399
; CURRENT FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: US 60/177,437
; PRIOR FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 3.0

```
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Rice tungro bacilliform virus
US-09-766-399-23

Query Match          3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      684 CCAGGGCCACTG 697
      |||||
DB      15 CCAGGGCCACTG 2

RESULT 177
US-09-263-959-463
; Sequence 463, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF INVENTIONS: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McWaters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 463:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-463

Query Match          3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      582 TTTTGTCTGTTT 595
      |||||
DB      2 TTTTGTCTGTTT 15

RESULT 178
US-10-356-625-32
; Sequence 32, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
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; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-32

Query Match          3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      680 ACCCCCGAGGCCAC 693
      |||||
DB      2 ACCCCCGAGGCCAC 15

RESULT 179
US-10-603-642-23/c
; Sequence 23, Application US/10603642
; Publication No. US20040016017A1
; GENERAL INFORMATION:
; APPLICANT: Bruce, Wesley B.
; APPLICANT: Niu, Xiping
; TITLE OF INVENTION: No. US20040016017A1el Plant Promoters and Methods of Use
; FILE REFERENCE: 1165C
; CURRENT APPLICATION NUMBER: US/10/603,642
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: US 60/177,437
; PRIOR FILING DATE: 2000-01-21
; PRIOR APPLICATION NUMBER: US 09/766,399
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Rice tungro bacilliform virus
US-10-603-642-23

Query Match          3.1%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      684 CCAGGGCCACTG 697
      |||||
DB      15 CCAGGGCCACTG 2

RESULT 180
US-09-955-410-33/c
; Sequence 33, Application US/09955410
; Patent No. US20020146718A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
```

APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids Having 2,6-Diaminopurine Nucleobases
; FILE REFERENCE: ISIS4800
; CURRENT APPLICATION NUMBER: US/09/955,410
; CURRENT FILING DATE: 2001-09-18
; PRIOR APPLICATION NUMBER: 08/108,591
; PRIOR FILING DATE: 1993-11-22
; PRIOR APPLICATION NUMBER: 09/686,114
; PRIOR FILING DATE: 1996-07-24
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20020146718A1el Sequence
US-09-955-410-33

Query Match 3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTTCTTCT 842
||| |||||
Db 16 GTCACTTTTCTTCT 3

RESULT 181
US-10-154-890-33/c
; Sequence 33, Application US/10154890
; Publication No. US20030180734A1
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter Eigil
; APPLICANT: Berg, Rolf Henrik
; TITLE OF INVENTION: Peptide Nucleic Acids
; FILE REFERENCE: ISIS0540
; CURRENT APPLICATION NUMBER: US/10/154,890
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: US/08/108,591
; PRIOR FILING DATE: 2001-08-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030180734A1el Sequence
US-10-154-890-33

Query Match 3.1%; Score 12.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 1.5e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 829 GTCTCTTTTCTTCT 842
||| |||||
Db 16 GTCACTTTTCTTCT 3

RESULT 182
US-09-866-108-2136/c
; Sequence 2136, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2136
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2136

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 684 CCAGGGCCACACTG 697
||| |||||
Db 17 CCAGGGCCACACTG 4

RESULT 183
US-09-866-108-2140/c
; Sequence 2140, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Aescima Sequence Listing Engine
 ; SEQ ID NO 2140
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108-2140

Query Match 3.1%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 683 CCCAGGCGCACACT 696
 DB 14 CCCAGGCGCACAAAT 1

RESULT 184
 US-09-969-373-2212/c
 ; Sequence 2212, Application US/09969373
 ; Patent No. US20020133852A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Effertz, Roger J.
 ; APPLICANT: Hauge, Brian M.
 ; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
 ; FILE REFERENCE: 38-10(52679)A
 ; CURRENT APPLICATION NUMBER: US/09/969,373
 ; CURRENT FILING DATE: 2001-10-02
 ; PRIOR APPLICATION NUMBER: US 09/754,853
 ; PRIOR FILING DATE: 2001-01-05
 ; PRIOR APPLICATION NUMBER: US 09/760,427
 ; PRIOR FILING DATE: 2001-01-13
 ; PRIOR APPLICATION NUMBER: US 09/855,768
 ; PRIOR FILING DATE: 2001-05-15
 ; NUMBER OF SEQ ID NOS: 4593
 ; SEQ ID NO 2212
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Glycine max
 ; US-09-969-373-2212

Query Match 3.1%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 812 AACTCAGGGTTGGC 825
 DB 17 AACTCAGGGTTGGC 4

RESULT 185
 US-09-864-785-637/c
 ; Sequence 637, Application US/09864785
 ; Patent No. US20020177568A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Draper, Ken
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 ; TITLE OF INVENTION: Levels of NF-Kappa B
 ; FILE REFERENCE: 400/022 (MHB00-812-D)
 ; CURRENT APPLICATION NUMBER: US/09/864,785
 ; CURRENT FILING DATE: 2001-05-23
 ; NUMBER OF SEQ ID NOS: 3929
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 637
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 ; US-09-864-785-637

Query Match 3.1%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTC 790.
 DB 15 GAAGGCGAGCCCTC 2

RESULT 186
 US-09-864-785-1679/c
 ; Sequence 1679, Application US/09864785
 ; Patent No. US20020177568A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Stinchcomb, Dan
 ; APPLICANT: Draper, Ken
 ; APPLICANT: McSwiggen, Jim
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
 ; TITLE OF INVENTION: Levels of NF-Kappa B
 ; FILE REFERENCE: 400/022 (MHB00-812-D)
 ; CURRENT APPLICATION NUMBER: US/09/864,785
 ; CURRENT FILING DATE: 2001-05-23
 ; NUMBER OF SEQ ID NOS: 3929
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1679
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
 ; US-09-864-785-1679

Query Match 3.1%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTC 790
 DB 17 GAAGGCGAGCCCTC 4

RESULT 187
 US-09-864-785-1680/c
 ; Sequence 1680, Application US/09864785
 ; Patent No. US20020177568A1
 ; GENERAL INFORMATION:

```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-kappa B
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1680

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 GAGGGCAGCCCTC 790
Db 14 GAGGGCAGCCCTC 1

RESULT 188
US-09-848-754A-1327/c
; Sequence 1327, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of Epidermal Growth Factor Receptors
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1327
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1327

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 680 ACCCCAGGGCCAC 693
Db 17 ATCCCCAGGGCCAC 4

RESULT 189
US-09-776-474-1061/c
; Sequence 1061, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK
; FILE REFERENCE: MHB00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of NF-kappa B
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1680

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 777 GAGGGCAGCCCTC 790
Db 14 GAGGGCAGCCCTC 1

RESULT 188
US-09-848-754A-1327/c
; Sequence 1327, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: Levels of Epidermal Growth Factor Receptors
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1327
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1327

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 680 ACCCCAGGGCCAC 693
Db 17 ATCCCCAGGGCCAC 4

RESULT 189
US-09-776-474-1061/c
; Sequence 1061, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1400

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 799 AGAGCTCTCTCCCA 812
Db 17 AAAGCTCTCTCCCA 4

RESULT 190
US-09-930-423-705
; Sequence 705, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 705
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-705

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGACACACTTTC 880
Db 2 UUGGACACAUUUC 15

RESULT 191
US-09-930-423-1400
; Sequence 1400, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1400

Query Match          3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;
```

QY 867 TTGGAACACTTCC 880
Db 4 UUGGAACAUUCC 17

RESULT 192
US-09-780-164-436/c
; Sequence 436, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 436
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-436

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 GCCTCCCGCAG 563
Db 17 GCCTCCCGCAGAG 4

RESULT 193
US-09-780-164-994/c
; Sequence 994, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 994
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-994

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 550 GCCTCCCGCAG 563
Db 16 GCCTCCCGCAGAG 3

RESULT 194
US-09-864-636A-2105
; Sequence 2105, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies

; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2105
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2105

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 GTCCCGAGAGTG 724
Db 2 GTCACAGAGAGTG 15

RESULT 195
US-09-827-395A-460
; Sequence 460, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 460
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-460

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 614 GACTCTGCTGGTT 627
Db 4 GACUCUGCCUGCU 17

RESULT 196
US-09-827-395A-462
; Sequence 462, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05

; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 462
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-462

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 1.8e+02;
Matches 9; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 615 ACTGCTGCTGGTTC 628
||:||||:|:
Db 1 ACUCUGCCGGCUC 14

RESULT 197

US-09-745-237A-705
; Sequence 705, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 705
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-705

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGAACACTTTC 880
:::|||||:
Db 2 UUGGAACAUUUCC 15

RESULT 198

US-09-745-237A-1400
; Sequence 1400, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1400

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 57.1%; Pred. No. 1.8e+02;
Matches 8; Conservative 5; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGAACACTTTC 880
:::|||||:
Db 4 UUGGAACAUUUCC 17

RESULT 199

US-09-864-426A-2105
; Sequence 2105, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2105
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2105

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 GTCCCAGGAGGTG 724
|||||:
Db 2 GTCACAGGAGGTG 15

RESULT 200

US-10-213-948-40
; Sequence 40, Application US/10213948
; Publication No. US20030100479A1
; GENERAL INFORMATION:
; APPLICANT: SmithKline Beecham
; TITLE OF INVENTION: Gene Polymorphisms and Response to Treatment
; FILE REFERENCE: PU4541
; CURRENT APPLICATION NUMBER: US/10/213,948
; CURRENT FILING DATE: 2002-08-07
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 40
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial: partial flanking sequence
US-10-213-948-40

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.8e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 551 CCTCCCCAGCGAGCTC 566
|||||:
Db 2 CCTCCYGGGAGGCGC 17

RESULT 201

US-10-238-700-3594
; Sequence 3594, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Le

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Length 17;
Indels 0; Gaps 0;

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Query Match	3.1%;	Score 12.4;	DB 1;	Length 17;
Best Local Similarity	92.9%;	Pred. No. 1.8e+02;		

; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2105
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2105

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 711 GTCCAGGAGAGTG 724
||| |||||
Db 2 GTCCAGGAGAGTG 15

RESULT 205

US-10-268-611-36/c
; Sequence 36, Application US/10268611
; Publication No. US20030186352A1

; GENERAL INFORMATION:
; APPLICANT: MCLEOD, RIMA W.
; APPLICANT: ROBERTS, CRAIG W.
; APPLICANT: ROBERTS, FIONA
; APPLICANT: JOHNSON, JENNIFER J.
; APPLICANT: KRISTITS, MICHAEL
; APPLICANT: FERGUSON, DAVID
; APPLICANT: LYONS, RUSSELL
; APPLICANT: MUI, ERNEST
; APPLICANT: MACK, DOUG
; APPLICANT: SAMUEL, BENJAMIN
; APPLICANT: GORNICKI, PIOTR
; APPLICANT: ZUTHER, ELLEN
; TITLE OF INVENTION: APICOMPLEXAN CHORISMATE SYNTHASE SEQUENCES AND AN
; TITLE OF INVENTION: INHIBITOR OF THE SHIKIMATE PATHWAY
; FILE REFERENCE: 19338/93888
; CURRENT APPLICATION NUMBER: US/10/268,611
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/103,331
; PRIOR FILING DATE: 1998-06-23
; PRIOR APPLICATION NUMBER: 60/329,269
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/346,036
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-268-611-36

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 822 TGGCTGTCTCTT 835
|||||
Db 16 TGGCTGTCTCTT 3

RESULT 206

US-10-297-068-1136/c

; Sequence 1136, Application US/10297068
; Publication No. US20030228585A1

; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1136
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1136

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 529 CCAACATCTCTG 542
||| |||||
Db 17 CCAACATCTCTG 4

RESULT 207

US-10-307-005-763/c
; Sequence 763, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; TITLE OF INVENTION: Using Modified Single Stranded Oligonucleotides
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 763
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
US-10-307-005-763

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 540 CTGCTCTAGCCT 553
|||||
Db 17 CTGCTCTAGCCT 4

RESULT 208
US-10-307-005-764
; Sequence 764, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kniec
; APPLICANT: Howard B. Ganper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Using Modified Single Stranded Oligonucleotides
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 764
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
US-10-307-005-764

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 540 CTGCTCTCTAGGCCT 553
Db 1 CTGCTCTCTAGACCT 14

RESULT 209
US-09-426-548-104/c
; Sequence 104, Application US/09426548
; Patent No. US20010044936A1
; GENERAL INFORMATION:
; APPLICANT: Robbins, David
; APPLICANT: Lin-Goerke, Juilli L.
; APPLICANT: Ling, Jessica
; TITLE OF INVENTION: No. US20010044936A1el Mutations in Human MLH1 and MSH2 Genes Used
; FILE REFERENCE: DEX-0054
; CURRENT APPLICATION NUMBER: US/09/426,548
; CURRENT FILING DATE: 1999-10-22
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 104
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-426-548-104

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 551 CCTCCCGCAGCGAGCTCC 567
Db 17 CCTCCCGCAGCGAGGCC 1

RESULT 210
US-09-866-108-226

; Sequence 226, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 226
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-226

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 795 GCCAAGAGCTCTCCTCC 811
Db 1 GACAAGAGCCCTCCACC 17

RESULT 211
US-09-866-108-229
; Sequence 229, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark

Query Match	3.1%	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 1.9e+02;		
Matches 14; Conservative	0;	Mismatches 3;	Indels	0; Gaps 0;

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RESULT 213
US/09-866-108-661/c
; Sequence 661, Application US/098665108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSION
; FILE REFERENCE: AECOMA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

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US-09-866-108-940

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 676 GCGGACCCCGGCGCA 692
||| |||||
Db 1 GCTGAGCCCGGCGCA 17

RESULT 216

US-09-866-108-5880
; Sequence 5880, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 5880
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-5880

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 551 CCTCCCGGCGGCTCC 567
||| |||||
Db 1 CCTCCCGGCGGCGC 17

RESULT 217

US-09-866-108-6048/c
; Sequence 6048, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6048
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6048

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 832 TCCTTTCTCTCTGAAG 848
||| |||||
Db 17 TCCTTTCTCTCTGAAG 1

RESULT 218

US-09-866-108-6049/c
; Sequence 6049, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.

```

; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US 09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6049
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6049

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAA 847
DB 17 CTCCTTTCTCTCGAAA 1

RESULT 219
US-09-866-108-6101
; Sequence 6101, Application US/09866108
; Patent No. US20020048000A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6049
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6049

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAA 847
DB 17 CTCCTTTCTCTCGAAA 1

RESULT 219
US-09-866-108-6101
; Sequence 6101, Application US/09866108
; Patent No. US20020048000A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6049
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6049

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 779 GGCAGCCCTCTGGTG 795
DB 1 GAGCAGCCCTCCAGTG 17

RESULT 220
US-09-866-108-7390/c
; Sequence 7390, Application US/09866108
; Patent No. US20020048000A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6101
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6101

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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 7391
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-7391

QY 863 CCAGTTGGGACACTTTC 879
Db 17 CCAGTGGGATCCCTTTC 1

RESULT 222
US-09-866-108-7392/c
Sequence 7392, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 7392

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 7390
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-7390

QY 864 CAGTTGGGACACTTTC 880
Db 17 CAGTGGGATCCCTTTC 1

RESULT 221
US-09-866-108-7391/c
Sequence 7391, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEMICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661


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; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7665
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7665

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 805 CTCTCCCACTCAGGT 821
Db 17 TTCTCCAGCTCATGGT 1

RESULT 226
US-09-866-108-7666/c
; Sequence 7666, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-05-25
```

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 7666
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-7666

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 804 TCTCTCCCACTCAGGG 820
Db 17 TCTCTCCAGCTCATGG 1

RESULT 227
US-09-866-108-8854/c
; Sequence 8854, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
```

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%;
Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

Qy 701 CCTCCAGCGAGTCCCAG 717
 ||| ||| ||| ||| |||
Db 1 CCACCTCCGAGTCCCAG 17

RESULT 229
US-09-866-108-8904
; Sequence 8904, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION.

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

APPLICANT: RANK, David R.	US 09/866,108
APPLICANT: CHEN, Wensheng	US 60/207,456
APPLICANT: SHANNON, Mark	US 60/207,456
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE	US 60/207,456
FILE REFERENCE: AEWICA-7	US 60/207,456
CURRENT APPLICATION NUMBER: US 09/866,108	US 60/207,456
PRIOR FILING DATE: 2001-05-25	US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456	US 60/207,456
PRIOR FILING DATE: 2000-05-26	US 60/207,456
PRIOR APPLICATION NUMBER: GB 24263.6	US 60/207,456
PRIOR FILING DATE: 2000-10-04	US 60/207,456
PRIOR APPLICATION NUMBER: US 60/236,359	US 60/207,456
PRIOR FILING DATE: 2000-09-27	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00666	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00667	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00664	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00669	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00665	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00668	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00663	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00662	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00661	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: PCT/US01/00670	US 60/207,456
PRIOR FILING DATE: 2001-01-30	US 60/207,456
PRIOR APPLICATION NUMBER: US 60/234,687	US 60/207,456
PRIOR FILING DATE: 2000-09-21	US 60/207,456
PRIOR APPLICATION NUMBER: US 60/266,860	US 60/207,456
PRIOR FILING DATE: 2001-02-05	US 60/207,456

1 APPLICANT: CHEN, Wensheng
 2 APPLICANT: SHANNON, Mark
 3 TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 4
 5 FILE REFERENCE: AEWICA-7
 6
 7 CURRENT APPLICATION NUMBER: US 09/866,108
 8
 9 CURRENT FILING DATE: 2001-05-25
 10
 11 PRIOR APPLICATION NUMBER: US 60/207,456
 12
 13 PRIOR FILING DATE: 2000-05-26
 14
 15 PRIOR APPLICATION NUMBER: GB 24263.6
 16
 17 PRIOR FILING DATE: 2000-10-04
 18
 19 PRIOR APPLICATION NUMBER: US 60/236,359
 20
 21 PRIOR FILING DATE: 2000-09-27
 22
 23 PRIOR APPLICATION NUMBER: PCT/US01/00666
 24
 25 PRIOR FILING DATE: 2001-01-30
 26
 27 PRIOR APPLICATION NUMBER: PCT/US01/00667
 28
 29 PRIOR FILING DATE: 2001-01-30
 30
 31 PRIOR APPLICATION NUMBER: PCT/US01/00664
 32
 33 PRIOR FILING DATE: 2001-01-30
 34
 35 PRIOR APPLICATION NUMBER: PCT/US01/00669
 36
 37 PRIOR FILING DATE: 2001-01-30
 38
 39 PRIOR APPLICATION NUMBER: PCT/US01/00665
 40
 41 PRIOR FILING DATE: 2001-01-30
 42
 43 PRIOR APPLICATION NUMBER: PCT/US01/00668
 44
 45 PRIOR FILING DATE: 2001-01-30
 46
 47 PRIOR APPLICATION NUMBER: PCT/US01/00663
 48
 49 PRIOR FILING DATE: 2001-01-30
 50
 51 PRIOR APPLICATION NUMBER: PCT/US01/00662
 52
 53 PRIOR FILING DATE: 2001-01-30
 54
 55 PRIOR APPLICATION NUMBER: PCT/US01/00661
 56
 57 PRIOR FILING DATE: 2001-01-30
 58
 59 PRIOR APPLICATION NUMBER: PCT/US01/00670
 60
 61 PRIOR FILING DATE: 2001-01-30
 62
 63 PRIOR APPLICATION NUMBER: US 60/234,687
 64
 65 PRIOR FILING DATE: 2000-09-21
 66
 67 PRIOR APPLICATION NUMBER: US 60/266,860
 68
 69 PRIOR FILING DATE: 2001-02-05

Mon Mar 8 14:22:25 2004

schultz149-3.rnpb

```

; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9215

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 ATCCTCTGCTCTAGCC 551
DB 1 ATCCTCAGCTCCAGCC 17

RESULT 233
US-09-866-108-9563
; Sequence 9563, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 9215
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-9215

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 535 ATCCTCTGCTCTAGCC 551
DB 1 ATCCTCAGCTCCAGCC 17

RESULT 234
US-09-827-998-426
; Sequence 426, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 426
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-426

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Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTCTTCTTC 841
||||| ||||| |||||
Db 1 CTGTGGGTCCTCTTCTTCTTC 17

RESULT 235
US-09-827-998-427
; Sequence 427, Application US/09827998
; Patent No. US20020102252A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 427
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-427

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 826 TGTGTCCTCTTCTTCTTCT 842
||||| ||||| |||||
Db 1 TGTGGGTCCTCTTCTTCTTCT 17

RESULT 236
US-09-263-959-14/c
; Sequence 14, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900

; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-14

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 544 TCCTAGGCTCCCCAGC 560
||||| ||||| |||||
Db 17 TCCTAGGACTCACCTGC 1

RESULT 237
US-09-864-785-260
; Sequence 260, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 260
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-260

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 759 CCCTAGGCTCCACTTC 775
||||| ||||| |||||
Db 1 CCCCCGGCCUCCACCUC 17

RESULT 238
US-09-864-785-2112/c
; Sequence 2112, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MEH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2112
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2112/c

Mon Mar 8 14:22:25 2004

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Page 70

US-09-864-785-2112

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 859 GGCTCCAGTTGGACAC 875
||| |||||
Db 17 GGGGGCAGTTGGACAC 1

RESULT 239

US-09-825-805-470
; Sequence 470, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1999-11-04
; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 470

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-825-805-470

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 616 CTCTGCTGTTCTCGA 632
|:|:|:|:|:|:|
Db 1 CUCUGCCUGGCCGA 17

RESULT 240

US-09-825-805-818
; Sequence 818, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MEHB00-831-F (400/009)

; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 818
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-818

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 757 GTCCCTAGGCTCCACT 773
||| |||||
Db 1 GCCCCAGGUCUCCACU 17

RESULT 241

US-09-825-805-826
; Sequence 826, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo

; APPLICANT: Beaudry, Amber

; APPLICANT: Karpeisky, Alex

; APPLICANT: Adamic, Jasenka Matulic

; APPLICANT: Sweedler, Dave

; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MEHB00-831-F (400/009)

; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27

; PRIOR APPLICATION NUMBER: 09/578,223

; PRIOR FILING DATE: 2000-05-23

; PRIOR APPLICATION NUMBER: 09/476,387

; PRIOR FILING DATE: 1999-12-30

; PRIOR APPLICATION NUMBER: 09/474,432

; PRIOR FILING DATE: 1999-12-29

; PRIOR APPLICATION NUMBER: 09/301,511

; PRIOR FILING DATE: 1999-04-28

; PRIOR APPLICATION NUMBER: 09/186,675

; PRIOR FILING DATE: 1998-11-04

; PRIOR APPLICATION NUMBER: 60/083,727

; PRIOR FILING DATE: 1998-04-29

; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05

; NUMBER OF SEQ ID NOS: 1558

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 826

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-825-805-826

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCCTAGGCTTCCTCCCA 558
Db 1 GCUGCAAAAGCCUCCCA 17

RESULT 242

US-09-961-077-67/c
; Sequence 67, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.

TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS

NUMBER OF SEQUENCES: 1263

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/961.077

FILING DATE: 21-Sep-2001

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/679,645

FILING DATE: July 12, 1996

APPLICATION NUMBER: 60/001,135

FILING DATE: July 13, 1995

APPLICATION NUMBER: 08/300,726

FILING DATE: September 2, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 219/247

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 67:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 67:

US-09-961-077-67

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541

Db 17 CTTTCCCAACATCCTCT 1

RESULT 243

US-09-956-857-18
; Sequence 18, Application US/09956857
; Publication No. US20030054356A1
; GENERAL INFORMATION:
; APPLICANT: Jacobson, James W.
; Applicant: Burroughs, Jennifer L.
; Applicant: Oliver, Kerry G.
; TITLE OF INVENTION: Multiple Reporter Read-Out Bioassays
; FILE REFERENCE: 215063.01001
; CURRENT APPLICATION NUMBER: US/09/956,857
; CURRENT FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/234,430
; PRIOR FILING DATE: 2000-09-21
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-956-857-18

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 706 AGCGAGTCCCGAGGAG 722

Db 1 AGAGATCCCGAGGAG 17

RESULT 244

US-09-780-533A-237/c
; Sequence 237, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; Applicant: Blatt, Larry
; Applicant: McSwiggen, Jim
; Applicant: Chowhira, Bharat
; Applicant: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MHB00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 237
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-237

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTGTTTCT 598

Db 17 TTTTGTCTCTGTTTCT 1

RESULT 245

US-09-877-478-50
; Sequence 50, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; Applicant: Draper, Kenneth

```

; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 50
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-50

```

```

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. NO. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

```

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Qy 603 CACAGAGTACTGACTCT 619
Db 1 CUCAGAAUACUGUCUCU 17

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RESULT 246
US-09-877-478-106/c
; Sequence 106, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 106

```

```

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-106
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. NO. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 703 TCCAGCGAGTCCAGGA 719
Db 17 TCCAGCGAGTCCAGGA 1

```

```

RESULT 247
US-09-877-478-1832
; Sequence 1832, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 2000-03-20
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 1992-05-14
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-08-09
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 2000-10-24
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1994-02-07
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1995-05-04
; PRIOR FILING DATE: 1999-11-08
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1832
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1832
Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. NO. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

```

```

Qy 603 CACAGAGTACTGACTCT 619
Db 1 CUCAGAAUACUGUCUCU 17

```

```

RESULT 248
US-09-877-478-1865/c
; Sequence 1865, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)

```

; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1865
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-1865

Query Match 3.1%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 703 TCACGCGAGTCCACGGA 719
 |||||
 Db 17 TCACGCGATACACGGA 1

RESULT 249
 US-09-877-478-2198/c
 ; Sequence 2198, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2198
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-2198

Query Match 3.1%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 604 ACAGAGTACTGACTCTG 620
 |||||
 Db 17 ACAGGGCCCTGACTCTG 1

RESULT 250
 US-09-877-478-2207/c
 ; Sequence 2207, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2207
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-2207

Query Match 3.1%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 1.9e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 753 CAGGGTCCCTAGGCCTC 769
 |||||
 Db 17 CAGGGTCCCTAGGCCTC 1

RESULT 251
 US-09-848-754A-1338/c
 ; Sequence 1338, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1338
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens

US-09-848-754A-1338

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 550 GCTTCCCGAGCGAGCTC 566
|||||
DB 17 GCTTCGCGAGCGTGGC 1

RESULT 252

US-09-848-754A-1665
; Sequence 1665, Application US/09848754A
; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1665

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-1665

Query Match

Best Local Similarity 76.5%; Score 12.2; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 509 ACCCAGTACCAATAC 525
|||||
DB 1 ACCCAGTACCAAGGAC 17

RESULT 253

US-09-848-754A-1854
; Sequence 1854, Application US/09848754A
; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1854

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-1854

Query Match

Best Local Similarity 58.8%; Score 12.2; DB 1; Length 17;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 539 TCTGCTCCTAGGCTCC 555
:|:|:|
DB 1 UCUGCUUCAAAGGCUUC 17

RESULT 254

US-09-848-754A-2643
; Sequence 2643, Application US/09848754A
; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 2643

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-2643

Query Match

Best Local Similarity 64.7%; Score 12.2; DB 1; Length 17;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 689 GCCACACGTACCTCC 705
|||||
DB 1 GCCACUCUGCCCUUC 17

RESULT 255

US-09-848-754A-3335/c
; Sequence 3335, Application US/09848754A
; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3335

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-3335

Query Match

Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 800 GAGTCTCTCCAACTC 816
|||||
DB 17 GAGTCTCCCAAACTC 1

RESULT 256

US-09-848-754A-3336/c
; Sequence 3336, Application US/09848754A
; Publication No. US20030073207A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 3336

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-848-754A-3336

Query Match

Best Local Similarity 82.4%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Mon Mar 8 14:22:25 2004

schultz149-3.rnpb

Page 76

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; ORGANISM: Homo Sapiens
US-09-930-423-1383

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
   |||||
Db 1 CGUUCCAACUCUCU 17

RESULT 262
US-09-780-164-629/c
; Sequence 629, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-629

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 615 ACTCTGCTGCTGCTCTG 631
   |||||
Db 17 AGTCTCCTGCTGCTG 1

RESULT 263
US-09-780-164-832/c
; Sequence 832, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 832
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-832

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 621 CCTGGTTCCTGAGAGAG 637
   |||||
Db 17 CCTGGTTCGTATGGAG 1

; ORGANISM: Homo Sapiens
US-09-930-423-1383

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 525 CTTTCCCAACATCCTCT 541
   |||||
Db 1 CGUUCCAACUCUCU 17

RESULT 264
US-09-740-332-1630/c
; Sequence 1630, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1630

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 886 TGCACCTACTCTCTCAGC 902
   |||||
Db 17 TCCACGTACTCTCTCAGC 1

RESULT 265
US-09-740-332-3111
; Sequence 3111, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3111
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3111

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 787 CCTCTGCTGCTCAAGAGC 803
   |||||
Db 1 CCUAGUCGUGCAACAGC 17

RESULT 266
US-09-740-332-3300
; Sequence 3300, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3300
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3300

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 787 CCTCTGCTGCTCAAGAGC 803
   |||||
Db 1 CCUAGUCGUGCAACAGC 17

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; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740.332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3300
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3300

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 740 CTCTGCTAGGTCCTCCAGG 756
Db 1 CUUGGUAUGCUACCCAGG 17

RESULT 267
US-09-740-332-3316
; Sequence 3316, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740.332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3316
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3316

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 841 CTCTGAAGACAGCGCTCC 857
Db 1 CUGUGAAGACACCCUCC 17

RESULT 268
US-09-745-237A-613
; Sequence 613, Application US/09745237A
; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBHB00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745.237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 613
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; ORGANISM: Homo sapiens
US-09-745-237A-833

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 539 TCTGCTCCTAGCGCTCC 555
Db 17 TCTGCCCATGGCGCTCC 1

RESULT 271
US-09-745-237A-1383
; Sequence 1383, Application US/09745237A
```

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; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
;
US-09-817-879-3111

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 1.9e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      787 CCTCTGGTGCCACAGC 803
      ||: : : ||||| |||
Db      1 CCUAGUCGCCACAGC 17

RESULT 274
US-09-817-879-3300
; Sequence 3300, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3300
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
;
US-09-817-879-3300

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      740 CTTGTAGGTCGCCAGG 756
      ||: ||: | : |||||
Db      1 CUUGGUAUGCUACCAGG 17

RESULT 275
US-09-817-879-3316
; Sequence 3316, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3316
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
;
US-09-817-879-3316

Query Match          3.1%; Score 12.2; DB 1; Length 17;

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; Publication No. US20030143708A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: 400/007 (MBH00-918-A)
; CURRENT APPLICATION NUMBER: US/09/745,237A
; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1383
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-745-237A-1383

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 1.9e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      525 CTTTCCCAACATCCTCT 541
Db      1 CGUUCCAACCUUCUUC 17
      |::|||||::|:|:|
      |::|||||::|:|:|

RESULT 272
US-09-817-879-1630/c
; Sequence 1630, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
; US-09-817-879-1630

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      886 TGCACCTACTTCTCAGC 902
Db      17 TCCACGCTACTCTCTCAGC 1
      | | | | | | | | | | | | | |
      | | | | | | | | | | | | | |

RESULT 273
US-09-817-879-3111
; Sequence 3111, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3111
; LENGTH: 17

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Best Local Similarity 64.7%; Pred. No. 1.9e+02; Indels 0; Gaps 0;
Matches 11; Conservative 3; Mismatches 3

QY 841 CTCGTGAAGACAGCGTCC 857
Db 1 CUGUGAAGACACCCUCC 17

RESULT 276

US-09-982-835A-7
; Sequence 7, Application US/09982835A
; Publication No. US20030235819A1
; GENERAL INFORMATION:
; APPLICANT: RABIN, Mark B.
; TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan, Lewis & Bockius LLP
; STREET: 1111 Pennsylvania Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20004

COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/982,835A
; FILING DATE: 30-Sep-2002

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 09/038,946
; FILING DATE: 1998-03-12
; APPLICATION NUMBER: US 09/697,149
; FILING DATE: 2000-10-27

ATTORNEY/AGENT INFORMATION:
; NAME: Michael S. Tuscan, Ph.D.
; REGISTRATION NUMBER: 43,210
; REFERENCE/DOCKET NUMBER: 44921-5047-02-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-739-3000
; TELEFAX: 202-739-3001

INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 706 AGCAGATCCAGGAGAG 722
Db 1 AGAGAATCCAGGACAG 17

RESULT 277

US-10-297-134B-2/c
; Sequence 2, Application US/102971134B
; Publication No. US20040038233A1
; GENERAL INFORMATION:
; APPLICANT: Biomedlab
; TITLE OF INVENTION: diagnosis kit for Mycobacterium species identification and
; FILE OF INVENTION: drug-resistance detection and manufacturing method thereof
; FILE REFERENCE: SGH1601PCT
; CURRENT APPLICATION NUMBER: US/10/297,134B
; CURRENT FILING DATE: 2003-07-07
; PRIOR APPLICATION NUMBER: KR10-2000-0029369

PRIOR FILING DATE: 2000-05-30
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Mycobacterium marinum
US-10-297-134B-2

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 618 CTGCTGTGGTTCCTGAGA 634
Db 17 CTGCTGTGGTTCGAGA 1

RESULT 278

US-10-060-756A-455/c
; Sequence 455, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 455
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-455

Query Match 3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 777 GAGGCGAGCCCTCTGG 793
Db 17 GACAGCAGCCCTCTAG 1

RESULT 279

US-10-163-552-415/c
; Sequence 415, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to le
; FILE OF INVENTION: HBR2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06

Mon Mar 8 14:22:25 2004

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; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 415
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-415

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 859 GGCTCCAGTTGGAACAC 875
Db 17 GGCTGCAGTTGACACAC 1

RESULT 280
US-10-163-552-788
; Sequence 788, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 788
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-788

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 757 GTCCCTAGGCTCCACT 773
Db 1 GCCCCAGGUCUCCACU 17

RESULT 281
US-10-163-552-805
; Sequence 805, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 805
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-805

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.9e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 542 GCTCCTAGGCTCCCA 558
Db 1 GCUGCAAGCUCUCCCA 17

RESULT 282
US-10-163-552-817
; Sequence 817, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 817
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-817

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 1.9e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 686 AGGCCACACGTGTACCC 702
Db 1 AGGCCCCACAGUACCC 17

RESULT 283
US-10-163-552-843
; Sequence 843, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; FILE REFERENCE: MEHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 843
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-843

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.9e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

Qy 616 CTCTGCTGGTTCCTGA 632
Db 1 CUCUGCCUGCUGCCGA 17

RESULT 284
US-10-156-306-4978/c
; Sequence 4978, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4978
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4978

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 541 TGCTCTAGGCTCCCC 557
Db 17 TGCTGCTCGGCTCTCTC 1

RESULT 285
US-10-156-306-6952/c
; Sequence 6952, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MEH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6952
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6952

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 530 CCAACATCCCTCTGTCC 546
Db 17 CCAGCTTCTCTTCTCC 1

RESULT 286
US-10-339-782-128
; Sequence 128, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 128
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-128

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 542 GCTCTAGGCTCCCA 558
Db 1 GATCTAGGCTCTCTCA 17
```

```
RESULT 287
US-10-339-782-401
; Sequence 401, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 401
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-401

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 638 GCTCCTAAGCCATAGAC 654
Db 1 GATCCTAAGCCATAGAC 17

RESULT 288
US-10-061-201-45/c
; Sequence 45, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN FOSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 45
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-45

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 783 AGCCCTCTGTGTCAC 799
```

Db 17 AGGCGCGCTGCTGCCAA 1

RESULT 289

US-10-061-201-714

Sequence 714, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 714

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-061-201-714

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTCTTCTGAAGACAG 852

Db 1 TCCTTCTCCGAGACAG 17

RESULT 290

US-10-061-201-717

Sequence 717, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 714

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-061-201-714

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 836 TTCTTCTGAAGACAG 852

Db 1 TCCTTCTCCGAGACAG 17

RESULT 291

US-10-061-201-1027/c

Sequence 1027, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1027

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-061-201-1027

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAA 847

Db 17 CTTTGTCTCTCTAAA 1

RESULT 292

US-10-061-201-1027

Sequence 1027, Application US/10061201

Publication No. US20030166229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT APPLICATION NUMBER: US/10/061,201

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/328,205

PRIOR FILING DATE: 2001-10-10

NUMBER OF SEQ ID NOS: 4162

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1027

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-061-201-1027

Query Match 3.1%; Score 12.2; DB 1; Length 17;

Best Local Similarity 82.4%; Pred. No. 1.9e+02;

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 831 CTCCTTTCTCTCTGAA 847

Db 17 CTTTGTCTCTCTAAA 1

```

US-10-061-201-1112
; Sequence 1112, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1112
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1112

```

```

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      740 CTGCTAGGTCCTCCAGG 756
          |||||
Db      1 CTCGTAGGCGCCAGG 17

```

```

RESULT 293
US-10-061-201-1371
; Sequence 1371, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761

```

```

; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1371
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1371

```

```

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      613 TGACTCTGCTGCTCC 629
          |||||
Db      1 TCAGTCTGCTGCTCC 17

```

```

RESULT 294
US-10-061-201-1887
; Sequence 1887, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1887
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1887

```

```

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      752 CCAGGGTCCTAGGCCT 768
          |||||
Db      1 CCATGTCCTTCGCCT 17

```

```

RESULT 295
US-10-061-201-1888
; Sequence 1888, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark

```



```
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 1888
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1888

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      753 CAGGTCCTTCGGCCTC 769
      ||||| ||||| |||||
DB      1 CATGGTCCTTCGGCCTC 17

RESULT 296
US-10-061-201-1925/c
; Sequence 1925, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Acomica Sequence Listing Engine
```

```
; SEQ ID NO 1925
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1925

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      777 GAGGGCAGCCCTCTGG 793
      ||||| ||||| |||||
DB      17 GAGGGATCCCTCTGG 1

RESULT 297
US-10-327-621-2
; Sequence 2, Application US/10327621
; Publication No. US20030166503A1
; GENERAL INFORMATION:
; APPLICANT: van Weel, Peter
; APPLICANT: Meulenbergh, Johanna J.M.
; APPLICANT: Verheijde, Monique H.
; APPLICANT: Hooykaas, Paul J.J.
; APPLICANT: Vergunst, Annette C.
; APPLICANT: Schrammeijer, Barbara
; TITLE OF INVENTION: METHOD FOR RECOGNIZING AND DETERMINING GNRH RECEPTORS AND USE C
; TITLE OF INVENTION: AGONIST FOR DECREASING THE REPLICATION OF MALIGNANT CELLS BEAR
; TITLE OF INVENTION: OF TUMORS ORIGINATING IN THE NERVOUS SYSTEM AND/OR MININGES AN
; TITLE OF INVENTION: SARCOMA
; FILE REFERENCE: 2183-5641US
; CURRENT APPLICATION NUMBER: US/10/327,621
; CURRENT FILING DATE: 2002-12-20
; PRIOR APPLICATION NUMBER: US 09/446,996
; PRIOR FILING DATE: 1999-12-30
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthesized sequence, primer for polymerase chain reaction
US-10-327-621-2

Query Match      3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      733 CATAGGACTTGTAGGG 749
      ||||| ||||| |||||
DB      1 CCTAGGACATAGTAGGG 17

RESULT 298
US-10-339-793-364
; Sequence 364, Application US/10339793
; Publication No. US20030180764A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 364
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-364
```

```

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      586 GTTCGTGTTTTCTACAA 602
Db      1 GATCTGTTTTCTTAAA 17
      |||||
      |||||

RESULT 299
US-10-084-839-3431
; Sequence 3431, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsatska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3431
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
; US-10-084-839-3431

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      661 CTTTCTCGAAGCTTGGC 677
Db      1 CTTTCTCAGATCTTGGC 17
      |||||
      |||||

RESULT 300
US-10-230-006-1335
; Sequence 1335, Application US/10230006
; Publication No. US20030191077A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Fosnaugh, Kathy
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE TREATMENT OF ASTHMA AND ALLERGIC CONDIT
; FILE REFERENCE: 400/056 (MBHB01-1110)
; CURRENT APPLICATION NUMBER: US/10/230_006

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schultz149-3.rnpb

Mon Mar 8 14:22:25 2004

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-603

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTTC 841
Db 1 CTGAGTGTCAATTTCTTC 17

RESULT 303
US-10-297-068-855
; Sequence 855, Application US/10297068
; Patent No. US20030228595A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 855
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-855

Query Match          3.1%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 1.9e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 825 CTGTGTCCTCTTTCTTC 841
Db 1 CTGAGTGTCAATTTCTTC 17

RESULT 304
US-09-504-231A-1053
; Sequence 1053, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 1053
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1053

Query Match          3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGT 867
Db 1 CCUGGCCUCCAGU 12

RESULT 305
US-09-274-553D-1053
; Sequence 1053, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 1053
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1053

Query Match          3.0%; Score 12; DB 1; Length 15;
Best Local Similarity 75.0%; Pred. No. 1.5e+02;
Matches 9; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 856 CCTGGCTCCAGT 867
Db 1 CCUGGCCUCCAGU 12

RESULT 306
US-09-866-108-2141/c
; Sequence 2141, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7

```

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; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2141
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2141

```

```

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 683 CCCAGGGCCACA 694
    |||||
Db 13 CCCAGGGCCACA 2

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RESULT 307
US-09-866-108-2142/c
; Sequence 2142, Application US/09866108
; Patent No. US2002048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2142
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2142

```

```

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Qy 683 CCCAGGGCCACA 694
    |||||
Db 12 CCCAGGGCCACA 1

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```

RESULT 308
US-09-864-785-531/c
; Sequence 531, Application US/09864785
; Patent No. US2002017568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re:
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 531
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-531

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Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 864 CAGTTTGGACAC 875
    |||||
Db 14 CAGTTTGGACAC 3

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RESULT 309

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US-09-864-785-532/c
; Sequence 532, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 532
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-532
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 864 CAGTTGGACAC 875
Db 13 CAGTTGGACAC 2

RESULT 310
US-09-818-875-883/c
; Sequence 883, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 883
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-883
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 877 TTCCTGAGATGC 888
Db 14 TTCCTGAGATGC 3

RESULT 311
US-09-818-875-884
; Sequence 884, Application US/09818875

```

```

; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 884
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-884
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 877 TTCCTGAGATGC 888
Db 4 TTCCTGAGATGC 15

RESULT 312
US-09-848-754A-2396/c
; Sequence 2396, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: MHB00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2396
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2396
Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 682 CCCGAGGCCAC 693
Db 17 CCCGAGGCCAC 6

RESULT 313
US-09-776-474-1060/c
; Sequence 1060, Application US/09776474
; Publication No. US20030087847A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Bocher, Robert
; APPLICANT: Holman, Patricia
; APPLICANT: Fattaey, Ali

```

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; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CHK)
; FILE REFERENCE: MBH00-955-A (400/008)
; CURRENT APPLICATION NUMBER: US/09/776,474
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,983
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 2992
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1060
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-776-474-1060

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
Matches 12; Conservative 0; Mismatches 0;

QY 801 AGCTCTCTCTCCA 812
DB 16 AGCTCTCTCTCCA 5

RESULT 314
US-09-827-395A-84
; Sequence 84, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 84
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-84

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
Matches 9; Conservative 3; Mismatches 0;

QY 614 GACTCTGCTCG 625
DB 5 GACUCUGCCUG 16

RESULT 315
US-09-827-395A-459
; Sequence 459, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A

; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 459
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-459

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
Matches 9; Conservative 3; Mismatches 0;

QY 614 GACTCTGCTCG 625
DB 5 GACUCUGCCUG 16

RESULT 316
US-09-740-332-1249
; Sequence 1249, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1249
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-1249

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2e+02; 0; Indels 0; Gaps 0;
Matches 11; Conservative 1; Mismatches 0;

QY 568 TCCAGACCAAG 579
DB 3 UCCAGACCAAG 14

RESULT 317
US-09-740-332-3306/c
; Sequence 3306, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature

```

```
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3306

Query Match      3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 TCCAGACCAAG 579
Db 16 TCCAGACCAAG 5

RESULT 318
US-09-817-879-1249
; Sequence 1249, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1249
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1249

Query Match      3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 568 TCCAGACCAAG 579
Db 3 UCCAGACCAAG 14

RESULT 319
US-09-817-879-3306/c
; Sequence 3306, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3306

Query Match      3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 568 TCCAGACCAAG 579
```

```
Db 16 TCCAGACCAAG 5

RESULT 320
US-10-163-552-231
; Sequence 231, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; FILE REFERENCE: HER2
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 231
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-163-552-231

Query Match      3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 597 CTACACACAGA 608
Db 4 CUACACACAGA 15

RESULT 321
US-10-163-552-232
; Sequence 232, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
; FILE REFERENCE: HER2
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 232
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-10-163-552-232

Query Match      3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 597 CTACACACAGA 608
Db 2 CUACACACAGA 13

RESULT 322
US-10-209-787-883/c
; Sequence 883, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
```

;/ CURRENT APPLICATION NUMBER: US/10/209,787
;/ CURRENT FILING DATE: 2002-07-30
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-06-01
;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4
;/ SEQ ID NO 883
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-209-787-883

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 877 TTCCTGAGATGC 888
Db 14 TTCCTGAGATGC 3

RESULT 323
US-10-209-787-884
;/ Sequence 884, Application US/10209787
;/ Publication No. US20030217377A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Kmiec, Eric B.
;/ APPLICANT: Gamper, Howard B.
;/ APPLICANT: Rice, Michael C.
;/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
;/ FILE REFERENCE: Napro-4
;/ CURRENT APPLICATION NUMBER: US/10/209,787
;/ CURRENT FILING DATE: 2002-07-30
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-06-01
;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4
;/ SEQ ID NO 884
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-209-787-884

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 877 TTCCTGAGATGC 888
Db 4 TTCCTGAGATGC 15

RESULT 324
US-10-236-104-32/c
;/ Sequence 32, Application US/10236104
;/ Publication No. US20030219823A1

;/ GENERAL INFORMATION:
;/ APPLICANT: Alsbrook, John P
;/ APPLICANT: Burgess, Catherine E
;/ APPLICANT: Edinger, Shlomit R
;/ APPLICANT: Gerlach, Valerie
;/ APPLICANT: Lepley, Denise M
;/ APPLICANT: Patturajan, Meera
;/ APPLICANT: Pena, Carol A
;/ APPLICANT: Reiger, Daniel K
;/ APPLICANT: Shimkets, Richard A
;/ APPLICANT: Spytek, Kimberly A
;/ APPLICANT: Taupier, Raymond J
;/ APPLICANT: Zhong, Mei
;/ TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND MET
;/ FILE REFERENCE: 21402-742B
;/ CURRENT APPLICATION NUMBER: US/10/236,104
;/ CURRENT FILING DATE: 2002-09-06
;/ PRIOR FILING DATE: 2001-09-07
;/ PRIOR FILING DATE: 2001-09-07
;/ PRIOR FILING DATE: 2001-09-19
;/ PRIOR APPLICATION NUMBER: US60/323,519
;/ PRIOR APPLICATION NUMBER: US60/381035
;/ PRIOR FILING DATE: 2002-05-16
;/ NUMBER OF SEQ ID NOS: 44
;/ SOFTWARE: Custom
;/ SEQ ID NO 32
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Artificial Sequence
;/ FEATURE:
;/ OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-236-104-32

Query Match 3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 775 CTGAGGGCAGCC 786
Db 15 CTGAGGGCAGCC 4

RESULT 325
US-10-261-185-883/c
;/ Sequence 883, Application US/10261185
;/ Publication No. US20040014057A1
;/ GENERAL INFORMATION:
;/ APPLICANT: Kmiec, Eric B.
;/ APPLICANT: Gamper, Howard B.
;/ APPLICANT: Rice, Michael C.
;/ TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
;/ FILE REFERENCE: Napro-4CON
;/ CURRENT APPLICATION NUMBER: US/10/261,185
;/ CURRENT FILING DATE: 2002-09-27
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2001-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-03-27
;/ PRIOR FILING DATE: 2000-06-01
;/ PRIOR APPLICATION NUMBER: US 60/244,989
;/ PRIOR FILING DATE: 2000-10-30
;/ NUMBER OF SEQ ID NOS: 4385
;/ SOFTWARE: Friedman macro Napro4
;/ SEQ ID NO 883
;/ LENGTH: 17
;/ TYPE: DNA
;/ ORGANISM: Homo sapiens
US-10-261-185-883


```
Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTGTGAGATGC 888
Db 14 TTCTGTGAGATGC 3

RESULT 326
US-10-261-185-884
; Sequence 884, Application US/102611185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 884
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-884

Query Match          3.0%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TTCTGTGAGATGC 888
Db 4 TTCTGTGAGATGC 15

RESULT 327
US-09-504-231A-426
; Sequence 426, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 884
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-1272/c
; Sequence 1272, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-1272
; Sequence 426, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 426
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-426
```

```
Query Match          3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 1.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 533 ACATCTCTCTCTCTCT 547
Db 1 ACAUCGUCUGUGUCU 15
```

```
RESULT 328
US-09-504-231A-1272/c
; Sequence 1272, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-1272
```

```
Query Match          3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 717 GGAGAGTGACTCTCG 731
Db 15 GGAGAGTAACATATGG 1
```

```
RESULT 329
US-09-274-553D-426
; Sequence 426, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
```

;; CURRENT APPLICATION NUMBER: US/09/274,553D
;; CURRENT FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 09/257,608
;; PRIOR FILING DATE: 1999-02-24
;; PRIOR APPLICATION NUMBER: 60/100,842
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/083,217
;; PRIOR FILING DATE: 1998-04-27
;; NUMBER OF SEQ ID NOS: 3148
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 426
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-426

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 53.3%; Pred. No. 1.6e+02;
Matches 8; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Qy 533 ACATCCTCTGCTCCT 547
|||:|:|:|:|:
Db 1 ACAUGGUCUGCGCU 15

RESULT 330

US-09-274-553D-1272/c
;; Sequence 1272, Application US/09274553D
;; Patent No. US2002008225A1
;; GENERAL INFORMATION:
;; APPLICANT: Blatt, Lawrence
;; APPLICANT: McSwiggen, James
;; APPLICANT: Roberts, Beth
;; APPLICANT: Pavco, Pamela
;; APPLICANT: Macejak, Dennis
;; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
;; FILE REFERENCE: tpi 247/282
;; CURRENT APPLICATION NUMBER: US/09/274,553D
;; CURRENT FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 09/257,608
;; PRIOR FILING DATE: 1999-02-24
;; PRIOR APPLICATION NUMBER: 60/100,842
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/083,217
;; PRIOR FILING DATE: 1998-04-27
;; NUMBER OF SEQ ID NOS: 3148
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 1272
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1272

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 717 GGAGACTGACTCTGG 731
|||||:|:|:|:|:
Db 15 GGAGAGTAACATGG 1

RESULT 331

US-09-805-296D-12
;; Sequence 12, Application US/09805296D
;; Patent No. US2002015598A1
;; GENERAL INFORMATION:
;; APPLICANT: Active Motif

;; APPLICANT: Efimov, Vladimir
;; APPLICANT: Fernandez, Joseph
;; APPLICANT: Archdeacon, Dorothy
;; APPLICANT: Archdeacon, John
;; APPLICANT: Chakmakicheau, Oksana
;; APPLICANT: Buryakova, Alla
;; APPLICANT: Choob, Mikhail
;; APPLICANT: Hondorp, Kyle
;; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF
;; FILE REFERENCE: AM102.P.1US
;; CURRENT APPLICATION NUMBER: US/09/805,296D
;; CURRENT FILING DATE: 2001-03-13
;; PRIOR APPLICATION NUMBER: US 60/189,190
;; PRIOR FILING DATE: 2000-03-14
;; PRIOR APPLICATION NUMBER: US 60/250,334
;; PRIOR FILING DATE: 2000-11-30
;; NUMBER OF SEQ ID NOS: 18
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 12
;; LENGTH: 15
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Construct
;; NAME/KEY: misc feature
;; OTHER INFORMATION: Synthetic Sequence
US-09-805-296D-12

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTGTTTTT 596
|||||:|:|:|:|:
Db 1 TTTTCTCTTTTTT 15

RESULT 332

US-09-877-478-6029
;; Sequence 6029, Application US/09877478
;; Publication No. US20030068301A1
;; GENERAL INFORMATION:
;; APPLICANT: Ribozyme Pharmaceuticals, Inc.
;; APPLICANT: Draper, Kenneth
;; APPLICANT: Blatt, Larry
;; APPLICANT: McSwiggen, Jim
;; APPLICANT: Morrissey, Dave
;; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replicatio
;; FILE REFERENCE: MBHB00-845-H (400/029)
;; CURRENT APPLICATION NUMBER: US/09/877,478
;; CURRENT FILING DATE: 2001-12-31
;; PRIOR APPLICATION NUMBER: US 07/882,712
;; PRIOR FILING DATE: 1992-05-14
;; PRIOR APPLICATION NUMBER: US 09/531,025
;; PRIOR FILING DATE: 2000-03-20
;; PRIOR APPLICATION NUMBER: US 09/636,385
;; PRIOR FILING DATE: 2000-08-09
;; PRIOR APPLICATION NUMBER: US 09/696,347
;; PRIOR FILING DATE: 2000-10-24
;; PRIOR APPLICATION NUMBER: US 08/193,627
;; PRIOR FILING DATE: 1994-02-07
;; PRIOR APPLICATION NUMBER: US 08/433,993
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 08/434,504
;; PRIOR FILING DATE: 1995-05-04
;; PRIOR APPLICATION NUMBER: US 09/436,430
;; PRIOR FILING DATE: 1999-11-08
;; NUMBER OF SEQ ID NOS: 6586
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 6029
;; LENGTH: 15
;; TYPE: RNA
;; ORGANISM: Hepatitis B virus

APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakhmakhechev, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
FILE REFERENCE: AM102.P.1.1US
CURRENT APPLICATION NUMBER: US/10/072,975
CURRENT FILING DATE: 2002-02-09
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
PRIOR APPLICATION NUMBER: 09/805,296
PRIOR FILING DATE: 2001-03-13
PRIOR APPLICATION NUMBER: PCT/US01/0811
PRIOR FILING DATE: 2001-03-13
NUMBER OF SEQ ID NOS: 36
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Sequence
US-10-072-975-12

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTTTT 596
DB 1 TTTTCTCTTTT 15

RESULT 336
US-10-051-436-12
Sequence 12, Application US/10051436
Publication No. US20030138045A1
GENERAL INFORMATION:
APPLICANT: Active Motif
APPLICANT: Efimov, Vladimir
APPLICANT: Fernandez, Joseph
APPLICANT: Archdeacon, Dorothy
APPLICANT: Archdeacon, John
APPLICANT: Chakhmakhechev, Oksana
APPLICANT: Buryakova, Alla
APPLICANT: Choob, Mikhail
APPLICANT: Hondorp, Kyle
TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES, METHODS OF SYNTHESIS AND METHODS OF USE
FILE REFERENCE: AM102.P.1US
CURRENT APPLICATION NUMBER: US/10/051,436
CURRENT FILING DATE: 2002-01-18
PRIOR APPLICATION NUMBER: US 60/189,190
PRIOR FILING DATE: 2000-03-14
PRIOR APPLICATION NUMBER: US 60/250,334
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 18
SOFTWARE: PatentIn version 3.1
SEQ ID NO 12
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Synthetic Sequence
US-10-051-436-12

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 582 TTTTGTCTCTTTT 596
DB 1 TTTTCTCTTTT 15

RESULT 337
US-10-197-927-29/c
Sequence 29, Application US/10197927
Publication No. US20030166138A1
GENERAL INFORMATION:
APPLICANT: Kinsella, Todd
APPLICANT: Ohashi, Cara
APPLICANT: Anderson, Dave
TITLE OF INVENTION: Cyclic Peptides and Analogs Useful to Treat Allergies
FILE REFERENCE: RIGL-002/01US
CURRENT APPLICATION NUMBER: US/10/197,927
CURRENT FILING DATE: 2003-01-23
PRIOR APPLICATION NUMBER: 60/358,827
PRIOR FILING DATE: 2002-02-21
NUMBER OF SEQ ID NOS: 59
SOFTWARE: PatentIn version 3.1
SEQ ID NO 29
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically synthesized construct
US-10-197-927-29

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 551 CCTCCCCAGCGAGCT 565
DB 15 CCACCTCAGCGAGCT 1

RESULT 338
US-10-091-281-113/c
Sequence 113, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: ST, ERWIN
APPLICANT: MORISSETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 113
LENGTH: 15
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Putative EVI1/EV11.03 motif
US-10-091-281-113

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 830 TCTCTTTCTCTCT 844
DB 15 TATCTTTCTTTCT 1

```
RESULT 339
US-10-360-275-12
; Sequence 12, Application US/10360275
; Publication No. US20040014644A1
; GENERAL INFORMATION:
; APPLICANT: Active Motif
; APPLICANT: Efimov, Vladimir
; APPLICANT: Fernandez, Joseph
; APPLICANT: Archdeacon, Dorothy
; APPLICANT: Archdeacon, John
; APPLICANT: Choob, Mikhail
; TITLE OF INVENTION: OLIGONUCLEOTIDE ANALOGUES AND METHODS OF USE FOR MODULATING GENE
; FILE REFERENCE: AM102.P.1.1.1US
; CURRENT APPLICATION NUMBER: US/10/360,275
; CURRENT FILING DATE: 2003-02-07
; PRIOR FILING DATE: 2002-02-09
; PRIOR APPLICATION NUMBER: US 09/805,296
; PRIOR FILING DATE: 2001-03-13
; PRIOR APPLICATION NUMBER: US 60/189,190
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Synthetic Sequence
US-10-360-275-12

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTCTTTT 596
Db 1 TTTTCTCTCTTTT 15

RESULT 340
US-09-350-206-26
; Sequence 26, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley

Query Match 3.0%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTCTTTT 596
Db 1 TTTTCTCTCTTTT 15

RESULT 341
US-09-263-959-470
; Sequence 470, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-470

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 342
US-09-350-206-26
; Sequence 26, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 343
US-09-263-959-470
; Sequence 470, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-470

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 344
US-09-350-206-26
; Sequence 26, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15
```

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; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-09-350-206-26

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 341
US-09-263-959-470
; Sequence 470, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-470

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 342
US-09-350-206-26
; Sequence 26, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 343
US-09-263-959-470
; Sequence 470, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 470:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-470

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15

RESULT 344
US-09-350-206-26
; Sequence 26, Application US/09350206
; Patent No. US20020099199A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksmann
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/350,206
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/042,780
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGCAGCCCT 789
Db 1 CTGAGGCGCAGCCCT 15
```

RESULT 342
US-09-349-755-26
; Sequence 26, Application US/09349755
; Patent No. US20020166131A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/349,755
; FILING DATE: 08-Jul-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,780
; FILING DATE: <Unknown>
; APPLICATION NUMBER: US 08/985,090
; FILING DATE: 04-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-349-755-26

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCCAGGCCCT 15

RESULT 343
US-09-166-334-26
; Sequence 26, Application US/09166334
; Patent No. US20020168708A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/166,334
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/042,780
; FILING DATE:
; APPLICATION NUMBER: US 08/985,090
; FILING DATE: 04-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Elizabeth A. Hanley
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: MNI-032CP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 742-4214
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-166-334-26

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCCAGGCCCT 15

RESULT 344
US-09-880-313A-77
; Sequence 77, Application US/09880313A
; Publication No. US20030044791A1
; GENERAL INFORMATION:
; APPLICANT: Flemington, Erik K
; TITLE OF INVENTION: Adaptors and Methods of Use
; FILE REFERENCE: 9397/1000
; CURRENT APPLICATION NUMBER: US/09/880,313A
; CURRENT FILING DATE: 2001-06-13
; NUMBER OF SEQ ID NOS: 276
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 77
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide
US-09-880-313A-77

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 696 TGTACCTCTCCAGCGA 710
Db 1 TGCACCTGCGACGA 15

RESULT 345
US-10-282-958-26
; Sequence 26, Application US/10282958
; Publication No. US20030110519A1
; GENERAL INFORMATION:
; APPLICANT: Andrew D.J. Goodearl and Sandra Glucksman
; TITLE OF INVENTION: Muscarinic Receptors and Uses Therefor
; NUMBER OF SEQUENCES: 39

Mon Mar 8 14:22:25 2004

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Page 98

;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: LAHIVE & COCKFIELD, LLP
;/ STREET: 28 State Street
;/ CITY: Boston
;/ STATE: Massachusetts
;/ COUNTRY: USA
;/ ZIP: 02109
;/
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Floppy disk
;/ COMPUTER: IBM PC compatible
;/ OPERATING SYSTEM: PC-DOS/MS-DOS
;/ SOFTWARE: PatentIn Release #1.0, Version #1.25
;/
;/ CURRENT APPLICATION DATA: US/10/282,958
;/ FILING DATE: 28-OCT-2002
;/ CLASSIFICATION: <Unknown>
;/
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/349,755
;/ FILING DATE: 08-Jul-1999
;/ APPLICATION NUMBER: US/09/042,780
;/ FILING DATE: <Unknown>
;/ APPLICATION NUMBER: US 08/985,090
;/ FILING DATE: 04-DEC-1997
;/
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Elizabeth A. Hanley
;/ REGISTRATION NUMBER: 33,505
;/ REFERENCE/DOCKET NUMBER: MNI-032CP
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (617) 227-7400
;/ TELEFAX: (617) 742-4214
;/
;/ INFORMATION FOR SEQ ID NO: 26:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 16 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/
;/ MOLECULE TYPE: cDNA
;/
;/ SEQUENCE DESCRIPTION: SEQ ID NO: 26:
;/ US-10-282-958-26

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 775 CTGAGGCGAGCCCT 789
Db 1 CTGAGGCGAGCCCT 15

RESULT 346
US-10-191-997-23/c
; Sequence 23, Application US/10191997
; Publication No. US20030207834A1
; GENERAL INFORMATION:
; APPLICANT: Oligos Etc., Inc.
; APPLICANT: DALE, Roderic M. K.
; APPLICANT: ARROW, Amy
; APPLICANT: THOMPSON, Terry
; TITLE OF INVENTION: Oligonucleotide-Containing Pharmacological Compositions And Their
; FILE REFERENCE: 54800-5019
; CURRENT APPLICATION NUMBER: US/10/191,997
; CURRENT FILING DATE: 2002-07-10
; PRIOR APPLICATION NUMBER: US 60/303,820
; PRIOR FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 132
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: HisR1 oligonucleotide
; US-10-191-997-23

Query Match 3.0%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 627 TCCTGAGAGAGCTC 641
Db 16 TCCTAAGGAGGCTC 2

RESULT 347
US-09-263-959-572
; Sequence 572, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UT
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 572:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;/ US-09-263-959-572

Query Match 2.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 92.3%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTGTTT 594
Db 1 TTTTGTCTCTGTTT 13

RESULT 348
US-09-848-754A-9251
; Sequence 9251, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rela
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0

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; SEQ ID NO 9251
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9251

Query Match 2.9%; Score 11.4; DB 1; Length 13;
Best Local Similarity 84.6%; Pred. No. 1.2e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 509 ACCCACAGTACA 521
Db 1 ACCCACACUACCA 13

RESULT 349
US-09-504-231A-571
; Sequence 571, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: ipi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 571
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-571

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 805 CTCCTCCAACTCA 817
Db 3 CUGCUCUACACUCA 15

RESULT 350
US-09-179-536B-31
; Sequence 31, Application US/09179536B
; Patent No. US20020042112A1
; GENERAL INFORMATION:
; APPLICANT: Hubert K ster
; APPLICANT: David M. Lough
; APPLICANT: Guobing Xiang
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; NUMBER OF SEQUENCES: 320
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla

STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/179,536B
FILING DATE: 26-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US97/20444
FILING DATE: 06-NOV-1997
APPLICATION NUMBER: 08/947,801
FILING DATE: 08-Oct-97
APPLICATION NUMBER: 08/933,792
FILING DATE: 19-Sep-97
APPLICATION NUMBER: 08/787,639
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/786,988
FILING DATE: 23-Jan-97
APPLICATION NUMBER: 08/746,055
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/746,036
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/744,590
FILING DATE: 06-No. US20020042112A1-96
APPLICATION NUMBER: 08/744,481
FILING DATE: 06-No. US20020042112A1-96
ATTORNEY/AGENT INFORMATION:
NAME: Seidman, Stephanie L
REGISTRATION NUMBER: 33,779
REFERENCE/DOCKET NUMBER: 24736-2004B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 858-450-8400
TELEFAX: 858-587-5360
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: unknown
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-179-536B-31

Query Match 2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 792 GGTGCCAAGAGCT 804
Db 3 GGTGCCAAGAGCT 15

RESULT 351
US-09-274-553D-571
; Sequence 571, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL

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; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 571
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
; US-09-274-553D-571

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 69.2%; Pred. No. 1.8e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY      805 CTCCTCCCACTCA 817
DB      3 CUGCUCCAACTCA 15

RESULT 352
US-09-848-754A-9326
; Sequence 9326, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Pharmazyme Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9326
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
; US-09-848-754A-9326

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 1.8e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      509 ACCCACACTACCA 521
DB      3 ACCCACACUACCA 15

RESULT 353
US-09-297-576A-31
; Sequence 31, Application US/09297576A
; Publication No. US20030129589A1
; GENERAL INFORMATION:
; APPLICANT: KOSTER, Hubert
; APPLICANT: LITTLE, Daniel P.
; APPLICANT: BRAUN, Andreas
; APPLICANT: LOUGH, David M.
; APPLICANT: XIANG, Guobing
; APPLICANT: VAN DEN BOOM, Dirk
; APPLICANT: JURINKE, Christian
; APPLICANT: RUPPERT, Andreas
; TITLE OF INVENTION: DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY
; US-09-297-576A-31

; TITLE OF INVENTION: Solid Phase Sequencing of Double-Stranded Nucleic Acids
; FILE REFERENCE: Heller Ehrman White & McAuliffe
; STREET: 4250 Executive Square, 7th Floor
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/297,576A
; FILING DATE: 07-Jun-2000
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/947,801
; FILING DATE: 08-Oct-97
; APPLICATION NUMBER: 08/933,792
; FILING DATE: 19-Sep-97
; APPLICATION NUMBER: 08/787,639
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/786,988
; FILING DATE: 23-Jan-97
; APPLICATION NUMBER: 08/746,055
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/746,036
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,590
; FILING DATE: 06-No. US20030129589A1-96
; APPLICATION NUMBER: 08/744,481
; FILING DATE: 06-No. US20030129589A1-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Seidman, Stephanie L
; REGISTRATION NUMBER: 33,779
; REFERENCE/DOCKET NUMBER: 24736-2004
; TELEPHONE: 858-450-8400
; TELEFAX: 858-450-8499
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: CDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: <Unknown>
; ORIGINAL SOURCE:
; US-09-297-576A-31

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      792 GGTGCCAAGAGCT 804
DB      3 GGTGCCAAGAGCT 15

RESULT 354
US-10-136-829-1
; Sequence 1, Application US/10136829
; Publication No. US20030096258A1
; GENERAL INFORMATION:
; APPLICANT: Cantor, Charles
; APPLICANT: Fu, Dong-Jing
; APPLICANT: K*ster, Hubert
; APPLICANT: Smith, Cassandra
; TITLE OF INVENTION: Solid Phase Sequencing of Double-Stranded Nucleic Acids
; US-10-136-829-1
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Mon Mar 8 14:22:25 2004

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; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-328-194A-4

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 728 CTGGTCATAGGACTT 742
Db 15 CTGGTCATAGGACTT 1

RESULT 359
US-10-160-358-35
; Sequence 35, Application US/10160358
; Publication No. US20030198969A1
; GENERAL INFORMATION:
; APPLICANT: Genesuisse Pharmaceuticals, Inc.
; APPLICANT: Bieglicki, Karyn
; APPLICANT: Cappola, Gina-Marie
; APPLICANT: Koshy, Beena
; APPLICANT: Monroe, Glen
; TITLE OF INVENTION: HAPLOTYPES OF THE TACR2 GENE
; FILE REFERENCE: TACR2 MWH-0225US
; CURRENT APPLICATION NUMBER: US/10/160,358
; CURRENT FILING DATE: 2002-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/47394
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 60/247,649
; PRIOR FILING DATE: 2000-11-09
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-160-358-35

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 587 TTCTGTTTTCTTACA 601
Db 1 TTCTGTTTTCTTACA 15

RESULT 360
US-10-440-850-495
; Sequence 495, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MEH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07

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; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 495
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-495

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 38.5%; Pred. No. 1.8e+02;
Matches 5; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCTG 845
Db 1 CUUUGCUUCUCUG 13

RESULT 361
US-10-193-507-14
; Sequence 14, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-14

Query Match          2.9%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 885 ATGCACCTTACTTCTC 899
Db 1 ATGCACCTTCTCTC 15

RESULT 362
US-09-864-636A-2108
; Sequence 2108, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2108
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic

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Mon Mar 8 14:22:25 2004

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Page 103

US-09-864-636A-2108

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 712 TCCACGAGGAGTG 724
||| ||||| |||||
Db 1 TCACAGGAGAGTG 13

RESULT 363

US-09-864-426A-2108
; Sequence 2108, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Salsner, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2108
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-2108

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 712 TCCACGAGGAGTG 724
||| ||||| |||||
Db 1 TCACAGGAGAGTG 13

RESULT 364

US-10-087-082-5
; Sequence 5, Application US/10087082
; Publication No. US2002016040A1
; GENERAL INFORMATION:
; APPLICANT: Dietmaier, Wolfgang
; APPLICANT: Ruschoff, Josef
; TITLE OF INVENTION: IMPROVED METHOD OF PRIMER-EXTENSION PREAMPLIFICATION PCR
; FILE REFERENCE: 4802
; CURRENT APPLICATION NUMBER: US/10/087,082
; CURRENT FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: DE 198 13 317.0
; PRIOR FILING DATE: 1998-03-26
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Primer for Human genomic sequ
US-10-087-082-5

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 548 AGGCTCCCCAGC 560
||| ||||| |||||
Db 3 AGGCTCCCCAGC 15

RESULT 365

US-10-084-839-2108
; Sequence 2108, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chenak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2108
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2108

Query Match 2.9%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 712 TCCACGAGGAGTG 724
||| ||||| |||||
Db 1 TCACAGGAGAGTG 13

RESULT 366

US-09-733-692A-28/c
; Sequence 28, Application US/09733692A
; Patent No. US20020155581A1
; GENERAL INFORMATION:
; APPLICANT: Murphy, Brian R.
; APPLICANT: Collins, Peter L.
; APPLICANT: Schmidt, Alexander C.
; APPLICANT: Durbin, Anna P.
; APPLICANT: Skiadopoulos, Mario H.
; APPLICANT: Tao, Tao
; TITLE OF INVENTION: USE OF RECOMBINANT PARAINFLUENZA VIRUSES (PIVs) AS
; TITLE OF INVENTION: VECTORS TO PROTECT AGAINST INFECTION AND DISEASE CAUSED
; FILE REFERENCE: BY PIV AND OTHER HUMAN PATHOGENS
; FILE REFERENCE: 15280-404100US
; CURRENT APPLICATION NUMBER: US/09/733,692A
; CURRENT FILING DATE: 2000-12-08
; PRIOR APPLICATION NUMBER: 60/170,195
; PRIOR FILING DATE: 1999-12-10

schultz149-3.rnpb

Mon Mar 8 14:22:25 2004

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 807 CCTCCAACTCAGGTT 822
Db 16 CCTCCATCTCAGCTTT 1

RESULT 368
US-09-507-362-85
; Sequence 85, Application US/09507362
; Publication No. US20030096397A1
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polo, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,362
; FILING DATE: 18-Feb-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Mcmasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 85:
US-09-507-362-85

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 873 CACTTTCCTGAGATGC 888
Db 1 CACGGTCTCTGAGGTGC 16

RESULT 369
US-10-108-164-83
; Sequence 83, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth

Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 548 AGGCTCCCGCGCG 563
Db 16 AGGCTCCCGCGCG 1

RESULT 367
US-09-093-972C-407/c
; Sequence 407, Application US/09093972C
; Publication No. US20030087845A1
; GENERAL INFORMATION:
; APPLICANT: Nyce, Jonathan W.
; TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
; & TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
; BRONCHOCONSTRICTION, ALLERGY(IES) & INFLAMMATION
; NUMBER OF SEQUENCES: 96
; CORRESPONDENCE ADDRESS:
; STREET: 7 Clarke Drive
; CITY: Cranbury
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 08512
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/093,972C
; FILING DATE: 09-Jun-1998
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 08/757,024
; FILING DATE: 26-11-1996
; APPLICATION NUMBER: US 08/472,527
; FILING DATE: 7-June-1995
; APPLICATION NUMBER: US 09/016,464
; FILING DATE: 30-January-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Amzel, Viviana
; REGISTRATION NUMBER: 30,930
; REFERENCE/DOCKET NUMBER: EPI-00672
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-409-3035
; TELEFAX: 413-254-9245
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 407:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 407:
US-09-093-972C-407

schultz149-3.rnpb

Mon Mar 8 14:22:25 2004

```
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; FILE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: 09/424,348
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: PCT/US98/13733
; PRIOR FILING DATE: 1998-07-01
; PRIOR APPLICATION NUMBER: 60/051,633
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: 60/054,515
; PRIOR FILING DATE: 1997-08-01
; PRIOR APPLICATION NUMBER: 60/080,352
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
; ORGANISM: Artificial Sequence
US-10-108-164-83

Query Match      2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 715 CAGGAGAGTCACTCG 730
Db 1 CTGGAAGTCACTCGG 16

RESULT 370
US-10-164-915-2/c
; Sequence 2, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Opt
; FILE OF INVENTION: for Detection of Interactions Involving a Conformational Change
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 2
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure fo
; OTHER INFORMATION: molecular beacon
US-10-164-915-2

Query Match      2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTTC 597
Db 16 TTTTGTCTGTTTTC 1

RESULT 371
US-10-164-915-3/c
; Sequence 3, Application US/10164915
; Publication No. US20030148391A1
; GENERAL INFORMATION:
; APPLICANT: Salafsky, Joshua S.
; TITLE OF INVENTION: Method Using a Surface-Selective No. US20030148391A1linear Opt
; FILE OF INVENTION: for Detection of Interactions Involving a Conformational Cha
; FILE REFERENCE: 11100-035-999
; CURRENT APPLICATION NUMBER: US/10/164,915
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: 60/253,862
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/260,249
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 60/265,775
; PRIOR FILING DATE: 2001-02-01
; PRIOR APPLICATION NUMBER: 60/278,941
; PRIOR FILING DATE: 2001-01-27
; NUMBER OF SEQ ID NOS: 6
; SEQ ID NO 3
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide structure
; OTHER INFORMATION: molecular beacon
US-10-164-915-3

Query Match      2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 582 TTTTGTCTGTTTTC 597
Db 16 TTTTGTCTGTTTTC 1

RESULT 372
US-10-331-109-11/c
; Sequence 11, Application US/10331109
; Publication No. US20030215891A1
; GENERAL INFORMATION:
; APPLICANT: Bickel, et al.
; TITLE OF INVENTION: Method for the qualitative and/or quantitative detection of mc
; FILE OF INVENTION: interactions on probe arrays
; FILE REFERENCE: 12671/1
; CURRENT APPLICATION NUMBER: US/10/331,109
; CURRENT FILING DATE: 2002-12-27
; PRIOR APPLICATION NUMBER: PCT/EP01/07575
; PRIOR FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: DE 100 33 334.6
; PRIOR FILING DATE: 2000-07-01
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: Oligonucleotide probe
US-10-331-109-11

Query Match      2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 791 TGGTGCCCAAGAGCTCT 806
Db 16 TGGTGCTAAAGCCCT 1

RESULT 373
US-10-391-441-85
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schultz149-3.rnpb

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; Sequence 85, Application US/10391441
; Publication NO. US20030232058A1
; GENERAL INFORMATION:
; APPLICANT: Dubensky Jr., Thomas W.
; Polc, John M.
; Belli, Barbara A.
; Schlesinger, Sondra
; Dryga, Sergey A.
; Frolov, Ilya
; TITLE OF INVENTION: RECOMBINANT ALPHAVIRUS-BASED VECTORS
; WITH REDUCED INHIBITION OF CELLULAR MACRO-MOLECULAR
; SYNTHESIS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group PLLC
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/391,441
; FILING DATE: 17-Mar-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/507,362
; FILING DATE: 18-Feb-2000
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 930049.457D6 /1196.011
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 85:
;
US-10-391-441-85
Query Match 2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 873 CACCTTCTCTGAGATGC 888
Db 1 CACGGTCTCTGAGGTGC 16

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Search completed: March 8, 2004, 14:13:38
Job time : 3 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:19:28 ; Search time 0.001 Seconds
(without alignments)
484.764 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 398

Sequence: 1 acaaccacagtagtaccatac.....gatgcacttactctcagct 398

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 40 seqs, 609 residues

Total number of hits satisfying chosen parameters: 80

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 46 summaries

Database : rnpn.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	16.8	4.2	20	1	PCT-US04-04452-1421
2	16	4.0	21	1	US-10-770-726-20463
3	15.4	3.9	22	1	US-10-708-204-189
C 4	15.2	3.8	21	1	US-10-770-726-3677
5	15.2	3.8	21	1	US-10-770-726-17656
C 6	15.2	3.8	21	1	US-10-770-726-19112
7	15	3.8	21	1	US-10-770-726-21290
8	15	3.8	21	1	US-10-770-726-21291
C 9	14.8	3.7	21	1	US-10-770-726-13681
C 10	14.8	3.7	21	1	US-10-770-726-13684
C 11	14.8	3.7	21	1	US-10-770-726-34096
C 12	14.4	3.6	20	1	US-10-770-970-446
C 13	14.2	3.6	19	1	US-10-708-204-4951
14	13.2	3.3	18	1	PCT-US04-04452-668
15	12.8	3.2	18	1	PCT-US04-04452-2177
C 16	12.4	3.1	17	1	PCT-US03-31862-763
17	12.4	3.1	17	1	PCT-US03-31862-764
C 18	10.8	2.7	15	1	US-10-767-471-49877
C 19	10.8	2.7	15	1	US-10-398-445-54
20	10.4	2.6	14	1	US-09-974-619D-44
21	10	2.5	12	1	US-10-486-755-35
22	10	2.5	12	1	US-10-486-755-35
23	10	2.5	14	1	US-09-974-619D-60
24	9.4	2.4	13	1	US-10-486-865-23
C 25	9.4	2.4	20	1	PCT-US04-04452-1421
26	9.2	2.3	15	1	US-10-398-445-54
27	9	2.3	10	1	US-09-701-545-110
C 28	9	2.3	14	1	US-09-974-619D-60
29	8.8	2.2	12	1	US-09-987-455A-20
30	8.8	2.2	12	1	US-10-775-679-2
C 31	8.8	2.2	12	1	US-10-775-679-2
C 32	8.8	2.2	12	1	US-60-539-605-19
C 33	8.8	2.2	21	1	US-10-770-726-13681

C 34 8.6 2.2 21 1 US-10-770-726-17656 Sequence 17656, A
C 35 8.4 2.1 10 1 US-09-701-545-108 Sequence 108, App
C 36 8.4 2.1 10 1 US-09-701-545-125 Sequence 125, App
C 37 8.4 2.1 10 1 US-09-701-545-148 Sequence 148, App
C 38 8.4 2.1 10 1 US-09-701-545-240 Sequence 240, App
C 39 8.4 2.1 10 1 US-09-701-545-253 Sequence 253, App
C 40 8.4 2.1 10 1 US-09-701-545-290 Sequence 290, App
C 41 8.4 2.1 10 1 US-09-892-085-1 Sequence 1, Appli
C 42 8.4 2.1 10 1 US-09-892-085-9 Sequence 9, Appli
C 43 8.4 2.1 12 1 PCT-US02-3154BA-26 Sequence 26, Appli
C 44 8.4 2.1 12 1 US-10-464-996-2 Sequence 2, Appli
C 45 8.4 2.1 12 1 US-10-626-905-26 Sequence 26, Appli
C 46 8.4 2.1 12 1 US-10-777-592-1 Sequence 1, Appli

ALIGNMENTS

RESULT 1
PCT-US04-04452-1421
; Sequence 1421, Application PC/TUS0404452
; GENERAL INFORMATION:
; APPLICANT: Bardelli, Alberto
; APPLICANT: Parsons, Will
; APPLICANT: Velculescu, Victor
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS
; FILE REFERENCE: 001107.00327
; CURRENT APPLICATION NUMBER: PCT/US04/04452
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 2191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1421
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-04452-1421

Query Match 4.2%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 0.53;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 633 GAGAGGCTCTTAAGTCACAG 652
DB 1 GAGAGGCACCAAGTCACAG 20
|||||

RESULT 2
US-10-770-726-20463
; Sequence 20463, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Brown, Eugene
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREA
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20463
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-20463

Query Match 4.0%; Score 16; DB 1; Length 21;
Best Local Similarity 68.8%; Pred. No. 1.1;
Matches 11; Conservative 5; Mismatches 0; Indels 0; Gaps 0;
QY 863 CCAGTGGACACTTT 878


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||||:|||||:|:|:|
Db      6 CCAGUUGGACACUUU 21

RESULT 3
US-10-708-204-189
; Sequence 189, Application US/10708204
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY
; TITLE OF INVENTION: OLIGONUCLEOTIDES ASSOCIATED WITH ALZHEIMER'S DISEASE AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 55033
; CURRENT APPLICATION NUMBER: US/10/708,204
; CURRENT FILING DATE: 2004-02-16
; NUMBER OF SEQ ID NOS: 7351
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 189
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-10-708-204-189

Query Match      3.9%; Score 15.4; DB 1; Length 22;
Best Local Similarity 70.6%; Pred. No. 1.8;
Matches 12; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      766 CCTCCACTTCGAGGGC 782
Db      4 CCUCCACUUCUGAGGAC 20

RESULT 4
US-10-770-726-3677/c
; Sequence 3677, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3677
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-3677

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.8;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      731 GTCATAGACTTGTAGGTT 750
Db      21 GTCATAGTACTTGGCAAGGT 2

RESULT 5
US-10-770-726-17656
; Sequence 17656, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
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; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17656
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-17656

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 60.0%; Pred. No. 1.8;
Matches 12; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      643 TAAGTCACAGACCTCAGTCT 662
Db      2 UAAGUCUCUGACCCUCACUCU 21

RESULT 6
US-10-770-726-19112/c
; Sequence 19112, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Brown, Eugene
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19112
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-19112

Query Match      3.8%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 1.8;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      857 CTGGCTCCAGTTGGACACT 876
Db      21 CTGGCTGCAGTTGACACACT 2

RESULT 7
US-10-770-726-21290
; Sequence 21290, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21290
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-770-726-21290

Query Match      3.8%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.1;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      863 CCAGTTGGACACTT 877
Db      3 CCAGTTGGACACTT 17
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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13684
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-13684

Query Match      3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.4;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGCCTCCACTTCTGAGG 780
    |||||
Db 20 AGACCTCACTTCTGAGG 3

RESULT 11
US-10-770-726-34096/c
; Sequence 34096, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34096
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-34096

Query Match      3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.4;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 637 GGCTCCTAAGTCACAGAC 654
    |||||
Db 21 GGCTCCTAGTCACCGAC 4

RESULT 12
US-10-770-970-446/c
; Sequence 446, Application US/10770970
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-
; FILE REFERENCE: ISPH-0826
; CURRENT APPLICATION NUMBER: US/10/770,970
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: US 10/647,918
; PRIOR FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US 10/652,795
; PRIOR FILING DATE: 2003-08-29
; NUMBER OF SEQ ID NOS: 566
; SEQ ID NO 446
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-770-970-446

Query Match      3.6%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 2.7;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13684
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-13684

Query Match      3.8%; Score 15; DB 1; Length 21;
Best Local Similarity 73.3%; Pred. No. 2.1;
Matches 11; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 863 CCAGTTGGACACTT 877
    |||||
Db 1 CCAGUUGGACACUU 15

RESULT 9
US-10-770-726-13681/c
; Sequence 13681, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13681
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNai
US-10-770-726-13681

Query Match      3.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 2.4;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 763 AGCCTCCACTTCTGAGG 780
    |||||
Db 21 AGACCTCACTTCTGAGG 4

RESULT 10
US-10-770-726-13684/c
; Sequence 13684, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING, PREVENTING, AND TREATING
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
```

Qy 564 CTCTCCAGACCAAG 579
Db 19 CTCTACACCAAG 4

RESULT 13

US-10-708-204-4951
; Sequence 4951, Application US/10708204
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY
; TITLE OF INVENTION: OLIGONUCLEOTIDES ASSOCIATED WITH ALZHEIMER'S DISEASE AND USES
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 55033
; CURRENT APPLICATION NUMBER: US/10/708,204
; CURRENT FILING DATE: 2004-02-16
; NUMBER OF SEQ ID NOS: 7351
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4951
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Homo Sapiens
; US-10-708-204-4951

Query Match 3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 2.6;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 766 CTCTCCTCTGAGGGCAG 784
Db 1 CCUGCACUCCUACAGGGCAG 19

RESULT 14

PCT-US04-04452-668
; Sequence 668, Application PC/TUS0404452
; GENERAL INFORMATION:
; APPLICANT: Bardelli, Alberto
; APPLICANT: Parsons, Will
; APPLICANT: Velculescu, Victor
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS
; FILE REFERENCE: 001107.00327
; CURRENT APPLICATION NUMBER: PCT/US04/04452
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 2191
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 668
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-708-204-4951

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 4.4;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 616 CTCTGCTGCTGCTGCTGAG 633
Db 1 CTCTGCTGCTGCTGCTGAG 18

RESULT 15

PCT-US04-04452-2177
; Sequence 2177, Application PC/TUS0404452
; GENERAL INFORMATION:
; APPLICANT: Bardelli, Alberto
; APPLICANT: Parsons, Will
; APPLICANT: Velculescu, Victor
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS

; FILE REFERENCE: 001107.00327
; CURRENT APPLICATION NUMBER: PCT/US04/04452
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 2191
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 2177
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-708-204-4951

Query Match 3.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 5.7;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 817 AGGTTGGCTGTGTCT 832
Db 1 AGGTTGGCTGTGTCT 16

RESULT 16

PCT-US03-31862-763/c
; Sequence 763, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 763
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Zea mays
; US-10-708-204-4951

Query Match 3.1%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 6.4;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 540 CTGCTCCTAGGCCT 553
Db 17 CTGCTCCTAGACCT 4

RESULT 17

PCT-US03-31862-764
; Sequence 764, Application PC/TUS0331862
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF DELAWARE
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: Napro-18 PCT
; CURRENT APPLICATION NUMBER: PCT/US03/31862
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 2707
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 764
; LENGTH: 17

RESULT 18
US-10-767-471-49877
; Sequence 49877, Application US/10767471
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: CLO01505
; CURRENT APPLICATION NUMBER: US/10/767,471
; NUMBER OF SEQ ID NOS: 50231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49877
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-767-471-49877

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 13;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 622 CTGGTTCCTGAGAG 635
| | | | | | | | | | | | | | | |
Db 2 CTGGTTCCTGGGG 15

RESULT 19
US-10-398-445-54/c
; Sequence 54, Application US/10398445
; GENERAL INFORMATION:
; APPLICANT: PETERSON, RAYMOND J.
; TITLE OF INVENTION: COMPUTER SYSTEM FOR DESIGNING OLIGONUCLEOTIDES USED IN
; FILE REFERENCE: 35804-188435
; CURRENT APPLICATION NUMBER: US/10/398,445
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: PCT/US01/31037
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/237,383
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-398-445-54

Query Match 2.7%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 13;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 746 AGGGTCCAGGCTC 759
| | | | | | | | | | | | | | | |
Db 14 AGGGTCACTGGGTC 1

RESULT 20
US-09-974-619D-44
; Sequence 44, Application US/09974619D
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Jiong
; APPLICANT: Assam, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619D
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-974-619D-44

Query Match 2.6%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 750 TCCAGGCTCC 761
| | | | | | | | | | | | | | | |
Db 3 TCCAGGCTC 14

RESULT 21
US-10-484-991-81
; Sequence 81, Application US/10484991
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
; APPLICANT: HUMAN SERVICES
; APPLICANT: Klimman, Dennis M.
; APPLICANT: Gursel, Ihsan
; APPLICANT: Puri, Raj K.
; APPLICANT: Kawakami, Koji
; APPLICANT: Ishii, Ken J.
; APPLICANT: Joshi, Bharat H.
; TITLE OF INVENTION: USE OF STERICALLY STABILIZED CATIONIC LIPOSOMES TO EFFICIENTLY
; FILE REFERENCE: 4239-67620
; CURRENT APPLICATION NUMBER: US/10/484,991
; CURRENT FILING DATE: 2004-01-26
; PRIOR APPLICATION NUMBER: US 60/308,283
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: PCT/US02/24235
; PRIOR FILING DATE: 2002-07-29
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 81
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CpG oligodeoxynucleotide
US-10-484-991-81

Query Match 2.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 CAGCGAGCTC 566
| | | | | | | | | | | | | | | |
Db 3 CAGCGAGCTC 12

RESULT 22

```
US-10-486-755-35
; SEQUENCE 35, Application US/10486755
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; APPLICANT: REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND
; APPLICANT: HUMAN SERVICES
; APPLICANT: Kliman, Dennis M.
; APPLICANT: Gursel, Mayda
; APPLICANT: Verheij, Daniela
; TITLE OF INVENTION: METHOD FOR RAPID GENERATION OF MATURE DENDRITIC CELLS
; FILE REFERENCE: 4239-67746
; CURRENT APPLICATION NUMBER: US/10/486,755
; CURRENT FILING DATE: 2004-02-12
; PRIOR APPLICATION NUMBER: US 60/312,190
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: PCT/US02/25732
; PRIOR FILING DATE: 2002-08-13
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 35
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: CpG oligodeoxynucleotide
US-10-486-755-35

Query Match 2.5%; Score 10; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 12;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 557 CACCGAGCTC 566
DB 3 CACCGAGCTC 12

RESULT 23
US-09-974-619D-60
; SEQUENCE 60, Application US/09974619D
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Jiong
; APPLICANT: Assen, Mahfoud
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619D
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-974-619D-60

Query Match 2.5%; Score 10; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 17;
Matches 10; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 510 CCCACAGTAC 519
DB 2 CCCACAGTAC 11

RESULT 24
US-10-486-865-23
; SEQUENCE 23, Application US/10486865
; GENERAL INFORMATION:
; APPLICANT: Guy, Louis-Georges
; TITLE OF INVENTION: USE OF aCP1, aCP2, AND HUR FOR MODULATING GENE EXPRESSION AND
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; TITLE OF INVENTION: INDUCING ANGIOGENESIS
; FILE REFERENCE: 5600-87
; CURRENT APPLICATION NUMBER: US/10/486,865
; CURRENT FILING DATE: 2004-02-13
; PRIOR APPLICATION NUMBER: US 60/312,397
; PRIOR FILING DATE: 2001-08-16
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (6)..(6)
; OTHER INFORMATION: n corresponds to any nucleotide
US-10-486-865-23

Query Match 2.4%; Score 9.4; DB 1; Length 13;
Best Local Similarity 25.0%; Pred. No. 21;
Matches 3; Conservative 7; Mismatches 2; Indels 0; Gaps 0;

QY 833 CTTTCTCTCTCT 844
DB 1 CUUUNCUCUCU 12

RESULT 25
PCT-US04-04452-1421/c
; SEQUENCE 1421, Application PC/TUS0404452
; GENERAL INFORMATION:
; APPLICANT: Bardelli, Alberto
; APPLICANT: Parsons, Will
; APPLICANT: Velculescu, Victor
; APPLICANT: Kinzler, Kenneth W.
; APPLICANT: Vogelstein, Bert
; TITLE OF INVENTION: TYROSINE KINASES IMPLICATED IN CANCERS
; FILE REFERENCE: 001107.00327
; CURRENT APPLICATION NUMBER: PCT/US04/04452
; CURRENT FILING DATE: 2004-02-18
; NUMBER OF SEQ ID NOS: 2191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1421
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US04-04452-1421

Query Match 2.4%; Score 9.4; DB 1; Length 20;
Best Local Similarity 90.9%; Pred. No. 45;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 722 GTGACTCTGCT 732
DB 18 GTGACTTTGCT 8

RESULT 26
US-10-398-445-54
; SEQUENCE 54, Application US/10398445
; GENERAL INFORMATION:
; APPLICANT: PETERSON, RAYMOND J.
; TITLE OF INVENTION: COMPUTER SYSTEM FOR DESIGNING OLIGONUCLEOTIDES USED IN
; FILE REFERENCE: 35804-188435
; CURRENT APPLICATION NUMBER: US/10/398,445
; CURRENT FILING DATE: 2004-01-23
; PRIOR APPLICATION NUMBER: PCT/US01/31037
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/237,383
; PRIOR FILING DATE: 2000-10-04
```

; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 54
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-398-445-54

Query Match 2.3%; Score 9.2; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 32;
Matches 11; Conservative 0; Mismatches 0; Indels 3; Gaps 0;

QY 749 GTCCAGGTCCT 762
Db 1 GACCCAGTACCCT 14

RESULT 27
US-09-701-545-110
; Sequence 110, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 110
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-110

Query Match 2.3%; Score 9; DB 1; Length 10;
Best Local Similarity 100.0%; Pred. No. 13;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 CCAAGACTT 583
Db 1 CCAAGACTT 9

RESULT 28
US-09-974-619D-60/c
; Sequence 60, Application US/09974619D
; GENERAL INFORMATION:
; APPLICANT: Schuetz, Erin
; APPLICANT: Zhang, Jiong
; TITLE OF INVENTION: Genotyping Assay to Predict CYP3A5
; TITLE OF INVENTION: Phenotype
; FILE REFERENCE: 44158/244344
; CURRENT APPLICATION NUMBER: US/09/974,619D
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: 60/279,915
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-974-619D-60

Query Match 2.3%; Score 9; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 606 AGAGTACTG 614
Db 14 AGAGTACTG 6

RESULT 29
US-09-987-455A-20
; Sequence 20, Application US/09987455A
; GENERAL INFORMATION:
; APPLICANT: Aranya Manosroi
; APPLICANT: Jiradej Manosroi
; APPLICANT: Chatchai Tayapiwatana
; APPLICANT: Friedrich Goetz
; APPLICANT: Rolf-Guenther Werner
; TITLE OF INVENTION: Methods for Large Scale Production of Recombinant
; TITLE OF INVENTION: DNA-Derived tPA or K2S Molecules
; FILE REFERENCE: 0652.2190001
; CURRENT APPLICATION NUMBER: US/09/987,455A
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US 60/268,574
; PRIOR FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: GB 0027779.8
; PRIOR FILING DATE: 2000-11-14
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: coding
; OTHER INFORMATION: sequence for SEGN
US-09-987-455A-20

Query Match 2.2%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 24;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 774 TCTGAGGCGC 785
Db 1 TCTGAGGCGAAC 12

RESULT 30
US-10-775-679-2
; Sequence 2, Application US/10775679
; GENERAL INFORMATION:
; APPLICANT: Medical Research Council
; APPLICANT: Friedlers, Assaf
; APPLICANT: Fersht, Alan
; TITLE OF INVENTION: Stabilising Molecule
; FILE REFERENCE: 18396/2282
; CURRENT APPLICATION NUMBER: US/10/775,679
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: PCT/GH02/03668
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: GB 0210740.7
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: GB 0127917.3
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: GB 0119557.7
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus p53-binding sequence
US-10-775-679-2

Query Match 2.2%; Score 8.8; DB 1; Length 12;

Best Local Similarity 83.3%; Pred. No. 24;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 869 GGAACACTTTC 880
Db 1 GGAACATGTTCC 12

RESULT 31

US-10-775-679-2/c
; Sequence 2, Application US/10775679
; GENERAL INFORMATION:
; APPLICANT: Medical Research Council
; APPLICANT: Friedlers, Assaf
; APPLICANT: Fersht, Alan
; TITLE OF INVENTION: Stabilising Molecule
; FILE REFERENCE: 18396/2282
; CURRENT APPLICATION NUMBER: US/10/775,679
; CURRENT FILING DATE: 2004-02-10
; PRIOR APPLICATION NUMBER: PCT/GB02/03668
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: GB 0210740.7
; PRIOR FILING DATE: 2002-05-10
; PRIOR APPLICATION NUMBER: GB 0127917.3
; PRIOR FILING DATE: 2001-11-21
; PRIOR APPLICATION NUMBER: GB 0119557.7
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus p53-binding sequence
US-10-775-679-2

Query Match 2.2%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 24;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 869 GGAACACTTTC 880
Db 12 GGAACATGTTCC 1

RESULT 32

US-60-539-605-19/c
; Sequence 19, Application US/60539605
; GENERAL INFORMATION:
; APPLICANT: Boyle, Bryan
; APPLICANT: Funk, Walter
; APPLICANT: Kakitani, Makoto
; APPLICANT: Oshima, Takeshi
; APPLICANT: Park, Eun Ju
; APPLICANT: Tang, Y. Tom
; APPLICANT: Tomizuka, Kazuma
; APPLICANT: Yagi, Mikio
; TITLE OF INVENTION: Gastrointestinal Proliferative Factor and uses thereof
; FILE REFERENCE: NUVO-12
; CURRENT APPLICATION NUMBER: US/60/539,605
; CURRENT FILING DATE: 2004-01-27
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(12)
; OTHER INFORMATION:
US-60-539-605-19

Query Match 2.2%; Score 8.8; DB 1; Length 12;
Best Local Similarity 83.3%; Pred. No. 24;
Matches 10; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 612 CTGACTCTGCCT 623
Db 12 CCGCTCTGCCT 1

RESULT 33

US-10-770-726-13681
; Sequence 13681, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 13681
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-13681

Query Match 2.2%; Score 8.8; DB 1; Length 21;
Best Local Similarity 50.0%; Pred. No. 53;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 876 TTTCCTGAGATG 887
Db 1 UUUCCUCAGAAG 12

RESULT 34

US-10-770-726-17656/c
; Sequence 17656, Application US/10770726
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 17656
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-770-726-17656

Query Match 2.2%; Score 8.6; DB 1; Length 21;
Best Local Similarity 73.3%; Pred. No. 55;
Matches 11; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 644 AAGTCACAGACTCA 658
Db 15 AGGTCAGAGACTTAA 1

RESULT 35

US-09-701-545-108
; Sequence 108, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki

; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 108
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-108

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGAACACT 876
|||||
Db 1 TTGGAACAAT 10

RESULT 36

US-09-701-545-125/c
; Sequence 125, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 125
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-125

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 822 TGGCTGTGTC 831
|||||
Db 10 TGGCTGTATC 1

RESULT 37

US-09-701-545-148/c
; Sequence 148, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 148
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-148

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 855 TCCTGGCTCC 864
|||||
Db 10 TCCTGGCTCC 1

RESULT 38

US-09-701-545-240
; Sequence 240, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 240
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-240

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 867 TTGGAACACT 876
|||||
Db 1 TTGGAGCACT 10

RESULT 39

US-09-701-545-253
; Sequence 253, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01
; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 253
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-253

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 TCAACTTCGTG 777
|||||
Db 1 TCAACTTCGTG 10

RESULT 40

US-09-701-545-290/c
; Sequence 290, Application US/09701545
; GENERAL INFORMATION:
; APPLICANT: Shinichi Hashimoto, Kouji Matsushima, Takuji Suzuki
; TITLE OF INVENTION: A Group Of Genes Expressed In Human Dendritic Cells
; FILE REFERENCE: 2000-1658A/LC/00653
; CURRENT APPLICATION NUMBER: US/09/701,545
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: JP 11-095481
; PRIOR FILING DATE: 1999-04-01

; NUMBER OF SEQ ID NOS: 300
; SOFTWARE: PatentIn 2.0
; SEQ ID NO 290
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-701-545-290

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 650 CAGACCTCAG 659
|||
DB 10 CACACCTCAG 1

RESULT 41

US-09-892-085-1/c
; Sequence 1, Application US/09892085

; GENERAL INFORMATION:
; APPLICANT: Laemmli, Ulrich
; TITLE OF INVENTION: MODULATION OF CHROMOSOME FUNCTION BY CHROMATIN REMODELING AGENTS
; FILE REFERENCE: 62479-a
; CURRENT APPLICATION NUMBER: US/09/892,085
; CURRENT FILING DATE: 2001-06-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chromatin Responsive Element
US-09-892-085-1

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 831 CTCCTCTCTT 840
|||||
DB 10 CTCCTCTCTT 1

RESULT 42

US-09-892-085-9/c
; Sequence 9, Application US/09892085

; GENERAL INFORMATION:
; APPLICANT: Laemmli, Ulrich
; TITLE OF INVENTION: MODULATION OF CHROMOSOME FUNCTION BY CHROMATIN REMODELING AGENTS
; FILE REFERENCE: 62479-a
; CURRENT APPLICATION NUMBER: US/09/892,085
; CURRENT FILING DATE: 2001-06-26
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Chromatin Responsive Element
US-09-892-085-9

Query Match 2.1%; Score 8.4; DB 1; Length 10;
Best Local Similarity 90.0%; Pred. No. 20;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 834 TTTCTCTCTC 843
|||||
DB 10 TTTCTCTCTC 1

RESULT 43

PCT-US02-31548A-26/c
; Sequence 26, Application PC/TUS0231548A

; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CHICAGO
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
; FILE REFERENCE: 21459-93822
; CURRENT APPLICATION NUMBER: PCT/US02/31548A
; CURRENT FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: 60/326,492
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: 60/328,811
; PRIOR FILING DATE: 2001-10-21
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 26
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
PCT-US02-31548A-26

Query Match 2.1%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 AGGTCCTCTA 763
|||||
DB 10 AGGTCCTCTA 1

RESULT 44

US-10-464-996-2
; Sequence 2, Application US/10464996

; GENERAL INFORMATION:
; APPLICANT: Devereaux, Quinn L.
; APPLICANT: Wagner, Klaus W.
; APPLICANT: Hampton, Garret M.
; APPLICANT: IRM LLC
; TITLE OF INVENTION: Diagnosis and Treatment of Chemoresistant Tumors
; FILE REFERENCE: 021288-001220US
; CURRENT APPLICATION NUMBER: US/10/464,996
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/390,256
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/456,585
; PRIOR FILING DATE: 2003-03-21
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: RL-7 mutant p53
US-10-464-996-2

Query Match 2.1%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 590 TGTCTTCTCTA 599
|||||
DB 2 TGTCTTCTCTA 11

RESULT 45

US-10-626-905-26/c
; Sequence 26, Application US/10626905
; GENERAL INFORMATION:
; APPLICANT: FRANZOSO, GUIDO

APPLICANT: DESMAELE, ENRICO
APPLICANT: ZAZZERONI, FRANCESCO
APPLICANT: PAPA, SALVATORE
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR MODULATING APOPTOSIS
FILE REFERENCE: 21459-94575
CURRENT APPLICATION NUMBER: US/10/626,905
CURRENT FILING DATE: 2003-07-25
PRIOR APPLICATION NUMBER: PCT/US02/31548
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 10/263,330
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: 60/328,811
PRIOR FILING DATE: 2001-10-12
PRIOR APPLICATION NUMBER: 60/326,492
PRIOR FILING DATE: 2001-10-02
NUMBER OF SEQ ID NOS: 53
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 26
LENGTH: 12
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-626-905-26

Query Match 2.1%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 754 AGGTCCTCA 763
DB 10 AGATCCCTA 1

RESULT 46
US-10-777-592-1
Sequence 1, Application US/10777592
GENERAL INFORMATION:
APPLICANT: Nguyen, Khue Vu
TITLE OF INVENTION: RT-PCR-BASED CLONING OF THE HUMAN BETA-AMYLOID PRECURSOR PROTEIN
FILE OF INVENTION: GENE AND THE CONSTRUCTION OF ITS EXPRESSION PLASMIDS
FILE REFERENCE: APP Expression Plasmids
CURRENT APPLICATION NUMBER: US/10/777,592
CURRENT FILING DATE: 2004-02-13
NUMBER OF SEQ ID NOS: 3
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1
LENGTH: 12
TYPE: DNA
ORGANISM: Human
US-10-777-592-1

Query Match 2.1%; Score 8.4; DB 1; Length 12;
Best Local Similarity 90.0%; Pred. No. 31;
Matches 9; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 598 TACACACAG 607
DB 3 TACACACAG 12

Search completed: March 8, 2004, 14:19:29
Job time : 1 secs

Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnam@gbio.com, bhnam@bio.myongji.ac.kr.

FEATURES

source

1. .19
/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:4530"
/clone="NACL--01-B12"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 3.6%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 0.68;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTGTTTCTAC 600
Db 19 TTTTGTCTCTGTTTCTAC 1

RESULT 2
LOCUS CF329285 18 bp mRNA linear EST 18-AUG-2003
DEFINITION NACL--04-122.b1 Rice callus plasmid cDNA library (NACL) Oryza sativa cDNA clone NACL--04-122, mRNA sequence.
ACCESSION CF329285
VERSION CF329285.1 GI:33806806
KEYWORDS EST.
SOURCE Oryza sativa
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
REFERENCE 1 (bases 1 to 18)
AUTHORS Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
TITLE Large-scale Sequencing Analysis of Rice ESTs
JOURNAL Unpublished (2003)
COMMENT Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnam@gbio.com, bhnam@bio.myongji.ac.kr.

FEATURES

source

1. .18
/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:4530"
/clone="NACL--04-122"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli DH10B"
/clone_lib="Rice callus plasmid cDNA library (NACL)"
/note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 3.3%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 582 TTTTGTCTCTGTTTCTA 599

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 14:21:24 ; Search time 0.001 Seconds
(without alignments)
84.376 Million cell updates/sec

Title: us-10-016-149-3
Perfect score: 398
Sequence: 1 acaaccacagtaaccatac.....gatgcactacttcttcagct 398

Scoring table: IDENTITY NUC
Gapop 10.0, Gapext 0.5

Searched: 7 seqs, 106 residues
Total number of hits satisfying chosen parameters: 14

Minimum DB seq length: 8
Maximum DB seq length: 50

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 7 summaries

Database : rst.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
C 1	14.2	3.6	19	1	CF326845	ACCESSION:CF326845
2	13.2	3.3	18	1	CF329285	ACCESSION:CF329285
3	12.2	3.1	17	1	CF299997	ACCESSION:CF299997
4	11.2	2.8	16	1	CF317778	ACCESSION:CF317778
5	9.4	2.4	11	1	CF543159	ACCESSION:CF543159
6	9.4	2.4	13	1	BQ586320	ACCESSION:BQ586320
7	9	2.3	12	1	BQ587766	ACCESSION:BQ587766

ALIGNMENTS

RESULT 1
CF326845/C
LOCUS CF326845 19 bp mRNA linear EST 18-AUG-2003
DEFINITION NACL--01-B12.g1 Rice callus plasmid cDNA library (NACL) Oryza sativa cDNA clone NACL--01-B12, mRNA sequence.
ACCESSION CF326845
VERSION CF326845.1 GI:33801944
KEYWORDS EST.
SOURCE Oryza sativa
ORGANISM Oryza sativa
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
REFERENCE 1 (bases 1 to 19)
AUTHORS Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
TITLE Large-scale Sequencing Analysis of Rice ESTs
JOURNAL Unpublished (2003)
COMMENT Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University

Department of Bioscience and Bioinformatics, Myongji University
Yongin, Gyeonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
E-mail: bbnahm@bio.myongji.ac.kr.

FEATURES SOURCE

```

1. 16
/organism="Oryza sativa"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:4530"
/clone="HD--07-J13"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 2 weeks"
/lab_host="E.coli DH10B"
/clone_lib="OSHDA1-overexpressing transgenic rice plasmid
cDNA library (HD)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Callus was
treated with ABA(20um) for 1hr. Oligo-capped mRNA was
reverse transcribed and then used for PCR. mRNA was
derived from rice Histone Deacetylase overexpression
line."

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Query Match      2.8%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 2.3;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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583 TTTGTTCTGTTTTTCT 598
| | | | | | | |
1 TTTGTTTTTTTTTTTT 16

RESIST 5

CF543159		linear	EST 22-SEP-2003
LOCUS		11 bp	mRNA
DEFINITION		S014678-024-030-006-SP6 MPZ-ADIS-024-leaf Beta vulgaris cDNA clone	
		024-030-006 5-PRIME, mRNA sequence.	
ACCESSION		CF543159	
VERSION		CF543159.1	GI:34891599
KEYWORDS		EST,	
SOURCE		Beta vulgaris	
ORGANISM		Beta vulgaris	
		Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;	
		Spermatophyta; Magnoliopsida; eudicotyledons; core eudicots;	
		Asterophytanales; Amaranthaceae; Beta.	

REFERENCE
AUTHORS

AUTHORS	Dring, R., Schulz, B., Weisshaar, B., Hennig, S., Steinrath, M., Hrwegski, M., Stahl, D., Wruock, W., Menze, A., O'Brien, J., Lehrach, H. and Radelof, U.
TITLE	Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL	Plant J. 32 (5), 845-857 (2002)
MEDLINE	22362189
PUBMED	12472698
COMMENT	Contact: Weisshaar B

AULS DNA Core Facility
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weissbua@mpiz-koeln.mpg.de
 Insert Length: 11 Std Error: 0.00
 Plate: 30 row: 0 column: 06
 Sac primer: SP6.

FEATURES
source

```

FEATURES
  source
    1. ll
      Location/Qualifiers
        /organism="Beta vulgaris"
        /mol_type="mRNA"
        /cultiivar="KWS2320 (double
        line)"
        /db_xref="GABI:936619"
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        /clone="024-030-006"
        /tissue type="leaf"

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|||||
||||||

CTA 18

CF299997 17 bp mRNA linear EST 15-AUG-2003
7LEAF-04-D19, bl Rice leaf plasmid cDNA library II (7LEAF) Oryza
sativa cv. indica 7LEAF-04-D19, mRNA sequence.

CF299997
CF299997.1 GI:33671758
EST.

Oryza sativa
Oryza sativa
Oryza sativa
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophytes; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Euphorbiaceae; Orvzeae: Orvzeae.

1 (bases 1 to 17)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyeonggi, Korea

Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@achio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
source

```

1..17
/organism="Oryza sativa"
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14. Conservative				Gaps
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82 TTTTGTCTGTCTTTCT 598
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1 TTTTGTCTGTCTTTCT 17

CF317778
HD-07-J13.b1 OsHDA1-overexpressing transgenic rice plasmid cDNA
16 bp mRNA linear EST 15-AUG-2003
HD-07-J13.mRNA sequence.
HD-07-J13.mRNA sequence.

CF317778
CF317778.1 GI:33689539
EST

Oryza sativa
Oryza sativa
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 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Pharbitaceae; Oryzoideae; Oryzaceae; *Oryza*.

1 (bases 1 to 16)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc., Division

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/lab_host="EMDH10B"
/clone_lib="MP1Z-ADIS-024-leaf"
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match      2.4%; Score 9.4; DB 1; Length 11;
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ACCESSION BQ586320
VERSION BQ586320.1 GI:26115902
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ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE 1 (bases 1 to 13)
AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)
MEDLINE 22362189
PUBMED 12472698
COMMENT Contact: Weishaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weishaar@mpiz-koeln.mpg.de
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
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Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match      2.4%; Score 9.4; DB 1; Length 11;
Best Local Similarity 90.9%; Pred. No. 5.4;
Matches 10; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      871 AACCTTCTCT 881
Db      1 AACCTTCTCT 11

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Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
REFERENCE 1 (bases 1 to 12)
AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelof,U.
TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)
MEDLINE 22362189
PUBMED 12472698
COMMENT Contact: Weishaar B
ADIS DNA core facility at MP1Z
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weishaar@mpiz-koeln.mpg.de
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cDNA library from sugar beet, library provided by KWS
Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact:
b.schulz@kws.de; cloning sites Sali-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database:http://gabi.rzpd.de"

Query Match      2.3%; Score 9; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 5.9;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      803 CTCCTCTCC 811
Db      3 CTCCTCTCC 11

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schultz149-3.rst

Mon Mar 8 14:22:26 2004

Search completed: March 8, 2004, 14:21:24
Job time : 0.001 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: March 8, 2004, 10:59:50 ; Search time 1 seconds
(without alignments)
5.898 Million cell updates/sec

Title: us-10-016-149-3

Perfect score: 398

Sequence: 1 acaaccacagtagtaccatac.....gatgcacttactctcagct 398

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 0.5

Searched: 433 seqs, 7410 residues

Total number of hits satisfying chosen parameters: 866

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 436 summaries

Database : rge.seq.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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C 3	22	5.5	22	1	AR198379	ACCESSION:AR198379
C 4	20	5.0	20	1	BD080999	ACCESSION:BD080999
C 5	20	5.0	20	1	AB067850	ACCESSION:AB067850
C 6	17.6	4.4	24	1	BD211038	ACCESSION:BD211038
C 7	16.4	4.1	20	1	A98535	ACCESSION:A98535
C 8	16.4	4.1	20	1	BD080757	ACCESSION:BD080757
C 9	15.8	4.0	19	1	AX404220	ACCESSION:AX404220
C 10	15.8	4.0	22	1	AX487549	ACCESSION:AX487549
C 11	15.4	3.9	17	1	AX531607	ACCESSION:AX531607
C 12	15.4	3.9	19	1	AR294437	ACCESSION:AR294437
C 13	15.4	3.9	19	1	AX328605	ACCESSION:AX328605
C 14	15.4	3.9	19	1	BD132170	ACCESSION:BD132170
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C 16	15.2	3.8	20	1	AR009520	ACCESSION:AR009520
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C 18	15.2	3.8	20	1	I66194	ACCESSION:I66194
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C 22	15.2	3.8	20	1	BD089860	ACCESSION:BD089860
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C 24	15.2	3.8	21	1	AR200639	ACCESSION:AR200639
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C 29	14.8	3.7	18	1	AX423662	ACCESSION:AX423662
C 30	14.8	3.7	18	1	AR059170	ACCESSION:AR059170
C 31	14.8	3.7	18	1	AR059172	ACCESSION:AR059172
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C 33	14.8	3.7	18	1	AX637816	ACCESSION:AX637816

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37	14.8	3.7	20	1	AX201535	ACCESSION:AX201535
38	14.8	3.7	20	1	AX497990	ACCESSION:AX497990
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Mon Mar 8 14:22:23 2004

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C 114	13.2	3.3	18	1	I71536	ACCESSION: I71536	C 187	12.4	3.1	15	1	AX358115	ACCESSION: AX358115
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C 135	12.8	3.2	17	1	BD254077	ACCESSION: BD254077	C 208	12.4	3.1	15	1	AX324625	ACCESSION: AX324625
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C 142	12.8	3.2	17	1	AR402382	ACCESSION: AR402382	C 215	12.4	3.1	15	1	AX634752	ACCESSION: AX634752
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C 144	12.8	3.2	17	1	AR434193	ACCESSION: AR434193	C 217	12.4	3.1	15	1	AX722631	ACCESSION: AX722631
C 145	12.8	3.2	17	1	AR434194	ACCESSION: AR434194	C 218	12.4	3.1	15	1	AX725761	ACCESSION: AX725761
C 146	12.8	3.2	17	1	AR434197	ACCESSION: AR434197	C 219	12.4	3.1	15	1	AX731421	ACCESSION: AX731421
C 147	12.8	3.2	17	1	AX217071	ACCESSION: AX217071	C 220	12.4	3.1	15	1	AX731421	ACCESSION: AX731421
C 148	12.8	3.2	17	1	AX217887	ACCESSION: AX217887	C 221	12.4	3.1	15	1	AX761847	ACCESSION: AX761847
C 149	12.8	3.2	17	1	AX218118	ACCESSION: AX218118	C 222	12.4	3.1	15	1	AX762502	ACCESSION: AX762502
C 150	12.8	3.2	17	1	AX218254	ACCESSION: AX218254	C 223	12.4	3.1	15	1	BD008665	ACCESSION: BD008665
C 151	12.8	3.2	17	1	AX218255	ACCESSION: AX218255	C 224	12.4	3.1	15	1	BD008669	ACCESSION: BD008669
C 152	12.8	3.2	17	1	AX227440	ACCESSION: AX227440	C 225	12.4	3.1	15	1	BD105032	ACCESSION: BD105032
C 153	12.8	3.2	17	1	AX227445	ACCESSION: AX227445	C 226	12.4	3.1	15	1	BD132806	ACCESSION: BD132806
C 154	12.8	3.2	17	1	AX393393	ACCESSION: AX393393	C 227	12.4	3.1	15	1	BD197734	ACCESSION: BD197734
C 155	12.8	3.2	17	1	AX423063	ACCESSION: AX423063	C 228	12.4	3.1	15	1	BD202842	ACCESSION: BD202842
C 156	12.8	3.2	17	1	AX423480	ACCESSION: AX423480	C 229	12.4	3.1	15	1	BD202843	ACCESSION: BD202843
C 157	12.8	3.2	17	1	AX423535	ACCESSION: AX423535	C 230	12.2	3.1	17	1	AI2194	ACCESSION: AI2194
C 158	12.8	3.2	17	1	AX467582	ACCESSION: AX467582	C 231	12.2	3.1	17	1	A60699	ACCESSION: A60699
C 159	12.8	3.2	17	1	AX531206	ACCESSION: AX531206	C 232	12.2	3.1	17	1	AR039271	ACCESSION: AR039271
C 160	12.8	3.2	17	1	AX531207	ACCESSION: AX531207	C 233	12.2	3.1	17	1	AR046778	ACCESSION: AR046778
C 161	12.8	3.2	17	1	AX531268	ACCESSION: AX531268	C 234	12.2	3.1	17	1	AR057589	ACCESSION: AR057589
C 162	12.8	3.2	17	1	AX531269	ACCESSION: AX531269	C 235	12.2	3.1	17	1	AR057683	ACCESSION: AR057683
C 163	12.8	3.2	17	1	AX729488	ACCESSION: AX729488	C 236	12.2	3.1	17	1	AR057726	ACCESSION: AR057726
C 164	12.8	3.2	17	1	AX759567	ACCESSION: AX759567	C 237	12.2	3.1	17	1	AR115347	ACCESSION: AR115347
C 165	12.8	3.2	17	1	BD067881	ACCESSION: BD067881	C 238	12.2	3.1	17	1	AR115441	ACCESSION: AR115441
C 166	12.8	3.2	17	1	BD067882	ACCESSION: BD067882	C 239	12.2	3.1	17	1	AR115484	ACCESSION: AR115484
C 167	12.8	3.2	17	1	BD198664	ACCESSION: BD198664	C 240	12.2	3.1	17	1	BD256490	ACCESSION: BD256490
C 168	12.8	3.2	17	1	BD202831	ACCESSION: BD202831	C 241	12.2	3.1	17	1	BD256938	ACCESSION: BD256938
C 169	12.8	3.2	17	1	A95633	ACCESSION: A95633	C 242	12.2	3.1	17	1	BD257607	ACCESSION: BD257607
C 170	12.8	3.2	18	1	AR092847	ACCESSION: AR092847	C 243	12.2	3.1	17	1	I53830	ACCESSION: I53830
C 171	12.8	3.2	18	1	E30569	ACCESSION: E30569	C 244	12.2	3.1	17	1	AR186585	ACCESSION: AR186585
C 172	12.8	3.2	18	1	AR200637	ACCESSION: AR200637	C 245	12.2	3.1	17	1	AR187061	ACCESSION: AR187061
C 173	12.8	3.2	18	1	AR268857	ACCESSION: AR268857	C 246	12.2	3.1	17	1	AR188382	ACCESSION: AR188382
C 174	12.8	3.2	18	1	AR429232	ACCESSION: AR429232	C 247	12.2	3.1	17	1	AR189919	ACCESSION: AR189919
C 175	12.8	3.2	18	1	AX404184	ACCESSION: AX404184	C 248	12.2	3.1	17	1	AR189998	ACCESSION: AR189998
C 176	12.8	3.2	18	1	BD091437	ACCESSION: BD091437	C 249	12.2	3.1	17	1	AR192098	ACCESSION: AR192098
C 177	12.8	3.2	18	1	BD137912	ACCESSION: BD137912	C 250	12.2	3.1	17	1	AR192099	ACCESSION: AR192099
C 178	12.6	3.2	18	1	AX115547	ACCESSION: AX115547	C 251	12.2	3.1	17	1	AR195602	ACCESSION: AR195602
C 179	12.4	3.1	14	1	BD203570	ACCESSION: BD203570	C 252	12.2	3.1	17	1	AR286099	ACCESSION: AR286099